



# Pressure Gauge Catalog Supplement

(Highlights "NEW" Range Codes)

Manufacturer of

Pressure Gauges

Temperature Instrumentation

Regulators & Control Valves



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## PRESSURE GAUGES

NOTE: New Pressure Gauge Range Codes  
(Does not apply to Test Gauges, 760B, 765B/766Ss)

PRESSURE GAUGES

### Process Gauges

Solid front, blow-out back safety gauges well suited for most process requirements.



**450 Series** S-6

Solid Front • Field Liquid Fillable • Turret Case

### Industrial Gauges

Accurate and durable gauges for a broad spectrum of industrial needs.



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## PRESSURE GAUGES

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No range code change

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Products designed to meet the needs of specialized industrial markets; including low-pressure gas, sanitary and remote reading applications.



**760B** No range code change **32**

Low Pressure Gauge • Black Finished Steel Case

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Low Pressure Gauge • Stainless Steel Case

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Solid Front • Field Liquid Fillable • Stainless Steel Case

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# 450 Series

Solid Front • Field Liquid Fillable • Turret Case

PROCESS GAUGES



450B shown



- ▶ 4 1/2" Dial Size
- ▶ ±0.5% Accuracy
- ▶ Solid Front/Blow-Out Back
- ▶ Field Liquid Fillable

The Trerice **450 Series** Process Gauge is designed for the petrochemical and industrial process industries. This solid front, blow-out back gauge is noted for its fiberglass reinforced polypropylene turret case and screwed ring; its sturdy interior design; and its field liquid-fill capability (no kit required). The 450 Series can withstand the most rugged industrial applications, while maintaining precise accuracy. Wetted parts are bronze tube/brass socket, stainless steel, or Monel.

- **Optional features available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **450LFB 45 02 L D 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
450B	45 4 1/2"	02 1/4 NPT	L Lower	A psi	See Standard Ranges
450LFB		04 1/2 NPT	B Back	B kPa	
450SS		09 9/16-18 UNF-2A-LH*			C kg/cm <sup>2</sup>
450LFSS					D psi/kPa
450M					E psi & kg/cm <sup>2</sup>
450LFM					
					Note: "NEW" Range Codes

\* For use with 9/16 high-pressure female fittings

## Specifications

Models	Wetted Parts
450B (dry)	Bronze tube, brass socket
450LFB (liquid-filled)	
450SS (dry)	316L stainless steel* tube and socket
450LFSS (liquid-filled)	
450M (dry)	Monel tube and socket (meets NACE MR 01.75)
450LFM (liquid-filled)	

Dial Size	4 1/2"
Fill	Glycerine. Other fills available. See Options & Accessories
Movement	Stainless steel
Connection	Lower male or lower back male, 1/4 or 1/2 NPT
Case	Fiberglass reinforced polypropylene, turret, solid front with blow-out back
Ring	Threaded fiberglass reinforced polypropylene
Window	Acrylic
Pointer	Micro adjustable, black finished
Dial Face	Aluminum, white background with black graduations and markings

Additional Features	Overload and underload stops
Accuracy	±0.5% Full Scale, ASME B40.100 Grade 2A
Maximum Temperature	450B, 450SS, 450M: <b>250°F (121°C)</b> 450LFB, 450LFSS, 450LFM: <b>150°F (65°C)</b>

Approximate Shipping Weight	450B, 450SS, 450M: 2.2 lbs [1.00 kg] 450LFB, 450LFSS, 450LFM: 3.1 lbs [1.41 kg]
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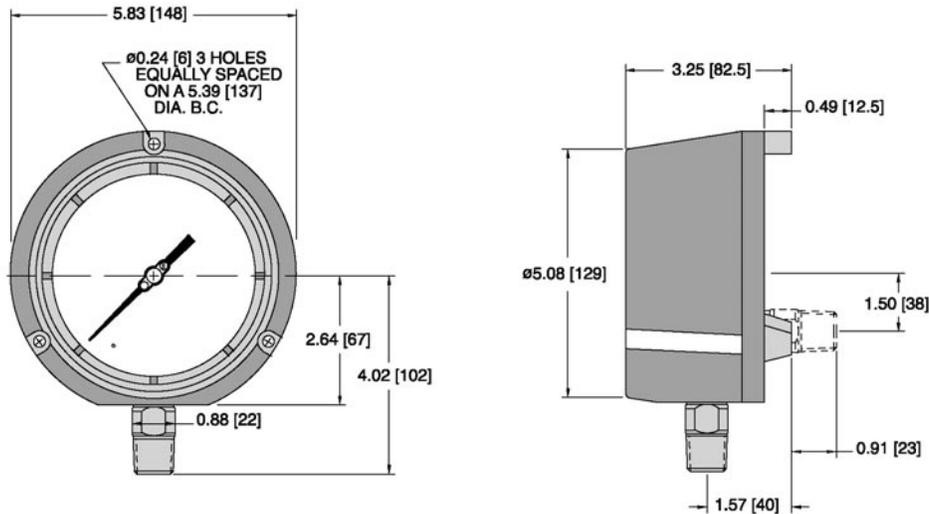
\* Ranges over 10,000 PSI have Ni-Span-C tube.

# 450 Series

All dimensions are nominal. Dimensions in [ ] are in millimeters.

Solid Front • Field Liquid Fillable • Turret Case

PROCESS GAUGES



## Standard Ranges

Note: "NEW" Range Codes

NEW Range Code	OLD Range Code	psi Ranges (A)			Corresponding kPa Ranges (B)			Corresponding kg/cm <sup>2</sup> Ranges (C)		
		Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.2	-100 to 0 kPa	10	1	76 cm Hg to 0	10	0.5
30/15	020	30" Hg to 15 psi	5/5	0.5/0.2	-100 to 100 kPa	20/20	2/2	76 cm Hg to 1 kg/cm <sup>2</sup>	20/0.2	1/.02
30/30	030	30" Hg to 30 psi	10/5	1/0.5	-100 to 200 kPa	50/50	2/2	76 cm Hg to 2 kg/cm <sup>2</sup>	20/0.5	2/.02
30/60	040	30" Hg to 60 psi	10/10	1/1	-100 to 400 kPa	50/50	5/5	76 cm Hg to 4 kg/cm <sup>2</sup>	25/0.5	5/.05
30/100	050	30" Hg to 100 psi	30/10	2/1	-100 to 700 kPa	100/100	10/10	76 cm Hg to 7 kg/cm <sup>2</sup>	76/1	5/0.1
30/150	060	30" Hg to 150 psi	30/20	5/2	-100 to 1000 kPa	100/100	10/10	76 cm Hg to 10 kg/cm <sup>2</sup>	76/1	15/0.1
30/300	070	30" Hg to 300 psi	30/50	5/2	-100 to 2000 kPa	200/100	20/20	76 cm Hg to 21 kg/cm <sup>2</sup>	76/3	19/0.2
15	080	0 to 15 psi	3	0.1	0 to 100 kPa	10	1	0 to 1 kg/cm <sup>2</sup>	0.1	0.01
30	090	0 to 30 psi	5	0.2	0 to 200 kPa	20	2	0 to 2 kg/cm <sup>2</sup>	0.2	0.02
60	100	0 to 60 psi	10	0.5	0 to 400 kPa	50	5	0 to 4.2 kg/cm <sup>2</sup>	0.5	0.05
100	110	0 to 100 psi	10	1	0 to 700 kPa	100	5	0 to 7 kg/cm <sup>2</sup>	1	0.05
160	120	0 to 160 psi	20	1	0 to 1100 kPa	200	10	0 to 11 kg/cm <sup>2</sup>	1	0.1
200	130	0 to 200 psi	20	2	0 to 1400 kPa	200	10	0 to 14 kg/cm <sup>2</sup>	2	0.1
300	140	0 to 300 psi	50	2	0 to 2000 kPa	200	20	0 to 21 kg/cm <sup>2</sup>	3	0.2
400	150	0 to 400 psi	50	5	0 to 2800 kPa	400	20	0 to 28 kg/cm <sup>2</sup>	4	0.2
600	160	0 to 600 psi	50	5	0 to 4000 kPa	500	50	0 to 42 kg/cm <sup>2</sup>	6	0.5
1000	180	0 to 1000 psi	100	10	0 to 7000 kPa	1000	50	0 to 70 kg/cm <sup>2</sup>	10	0.5
Ranges over 1000 psi are not available on 450B and 450LFB.										
1500	190	0 to 1500 psi	300	10	0 to 10,000 kPa	1000	100	0 to 100 kg/cm <sup>2</sup>	10	1
2000	200	0 to 2000 psi	200	20	0 to 14,000 kPa	2000	100	0 to 140 kg/cm <sup>2</sup>	20	1
3000	210	0 to 3000 psi	500	20	0 to 20,000 kPa	2000	200	0 to 210 kg/cm <sup>2</sup>	30	2
5000	220	0 to 5000 psi	500	50	0 to 35,000 kPa	5000	250	0 to 350 kg/cm <sup>2</sup>	50	2
10000	230	0 to 10,000 psi	1000	100	0 to 70,000 kPa	10,000	500	0 to 700 kg/cm <sup>2</sup>	100	10
Ranges over 10,000 psi are only available on 450SS and 450LFSS, and have Ni-Span-C tubes.										
15000	240	0 to 15,000 psi	3000	100	0 to 100,000 kPa	10,000	1000	0 to 1000 kg/cm <sup>2</sup>	100	10
20000	250	0 to 20,000 psi	2000	200	0 to 140,000 kPa	20,000	1000	0 to 1400 kg/cm <sup>2</sup>	200	10

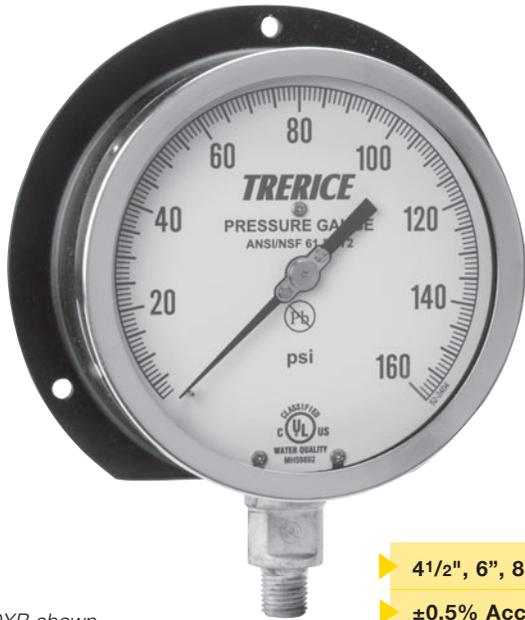
For dual scale ranges, specify the appropriate Units of Measure: **D** (psi/kPa) or **E** (psi & kg/cm<sup>2</sup>) followed by the equivalent **A** (psi) Range Code. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.



# 500X Series

Dial Sizes thru 12" • Cast Aluminum Case

INDUSTRIAL GAUGES



500XB shown



- ▶ 4 1/2", 6", 8 1/2", 12" Dial Sizes
- ▶ ±0.5% Accuracy
- ▶ Cast Aluminum Case

The Trerice **500X Series** Industrial Gauge is designed to withstand the most demanding applications of a variety of industries. This pressure gauge has a back flanged, cast aluminum case and stainless steel ring. Wetted parts are either bronze tube with Lead-Free (PBF) brass socket or stainless steel tube and socket.

- Optional features and case style variations available: Please consult the Options & Accessories Section for details.
- For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **500XB 45 02 L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
500XB	45 4 1/2"	02 1/4 NPT	L Lower	A psi	See Standard Ranges  Note: "NEW" Range Codes
500XSS	60 6"	04 1/2 NPT	B Back	B kPa	
	85 8 1/2"			C kg/cm <sup>2</sup>	
	12 12"			D psi/kPa	
				E psi & kg/cm <sup>2</sup>	

## Specifications

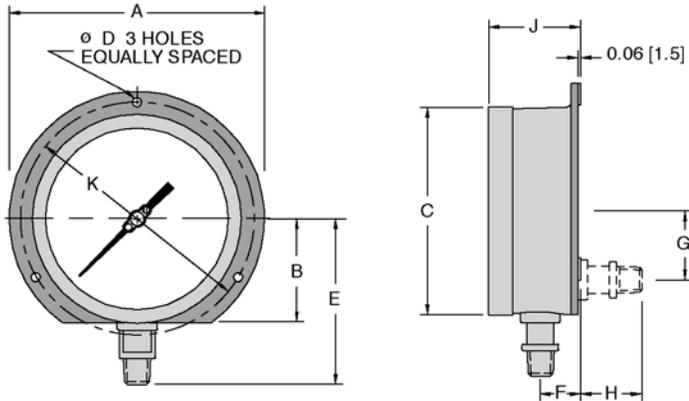
Models	Wetted Parts
500XB	Bronze tube, brass socket Lead-Free (PBF) Meets NSF/ANSI Standards 372 and 61
500XSS	316L stainless steel tube and socket *
<b>Dial Sizes</b>	4 1/2", 6", 8 1/2", 12"
<b>Movement</b>	Stainless Steel
<b>Connection</b>	Lower male or lower back male, 1/4 or 1/2 NPT
<b>Case</b>	Cast aluminum, black finished, surface mounted back flanged
<b>Ring</b>	4 1/2", 6" Dial Size: Friction type, 304 stainless steel  8 1/2", 12" Dial Size: Slotted Stainless Steel
<b>Window</b>	Clear glass
<b>Pointer</b>	4 1/2", 6", 8 1/2" Dial Size: Micro adjustable, black finished  12" Dial Size: Micro-adjustable, Black finished, knife-edged
<b>Dial Face</b>	Aluminum, white background with black graduations and markings
<b>Accuracy</b>	±0.5% Full Scale, ASME B40.100 Grade 2A
<b>Maximum Temperature</b>	<b>250°F (121°C)</b>
<b>Approximate Shipping Weight</b>	4 1/2" Dial Size: 2.0 lbs [0.91 kg]  6" Dial Size: 2.8 lbs [1.27 kg]  8 1/2" Dial Size: 5.8 lbs [2.63 kg]  12" Dial Size: 14.6 lbs [6.62 kg]

\* Ranges over 10,000 psi have a Ni-Span-C bourdon tube.

# 500X Series

## Dial Sizes thru 12" • Cast Aluminum Case

All dimensions are nominal. Dimensions in [ ] are in millimeters.



Dial Size	A	B	C	D	E	F	G	H	J	K
4 1/2"	5.88 [149.7]	2.39 [60.7]	4.79 [121.7]	0.22 [5.6]	3.83 [97.2]	0.94 [23.8]	1.63 [41.3]	1.41 [35.7]	2.06 [52.4]	5.38 [136.5]
6"	7.62 [193.6]	3.14 [79.8]	6.29 [159.8]	0.28 [7.1]	4.70 [119.5]	0.93 [23.8]	1.63 [41.3]	1.41 [35.7]	2.09 [53]	7.00 [177.8]
8 1/2"	10.25 [260.4]	4.38 [111.1]	8.80 [223.4]	0.28 [7.1]	5.81 [147.5]	0.97 [24.6]	1.63 [41.3]	1.41 [35.7]	2.24 [56.8]	9.63 [244.5]
12"	14.25 [362]	N/A	12.66 [321.5]	0.28 [7.1]	7.90 [200.7]	1.02 [25.9]	1.63 [41.3]	1.19 [30.2]	2.53 [64.3]	13.50 [343]

INDUSTRIAL GAUGES

### Standard Ranges

Note: "NEW" Range Codes

NEW Range Code	OLD Range Code	psi Ranges (A)			Corresponding kPa Ranges (B)			Corresponding kg/cm <sup>2</sup> Ranges (C)		
		Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.2	-100 to 0 kPa	10	1	76 cm Hg to 0	10	0.5
30/15	020	30" Hg to 15 psi	5/5	0.5/0.2	-100 to 100 kPa	20/20	2/2	76 cm Hg to 1 kg/cm <sup>2</sup>	20/0.2	1/0.2
30/30	030	30" Hg to 30 psi	10/5	1/0.5	-100 to 200 kPa	50/50	2/2	76 cm Hg to 2 kg/cm <sup>2</sup>	20/0.5	2/0.2
30/60	040	30" Hg to 60 psi	10/10	1/1	-100 to 400 kPa	50/50	5/5	76 cm Hg to 4 kg/cm <sup>2</sup>	25/0.5	5/0.5
30/100	050	30" Hg to 100 psi	30/10	2/1	-100 to 700 kPa	100/100	10/10	76 cm Hg to 7 kg/cm <sup>2</sup>	76/1	5/0.1
30/150	060	30" Hg to 150 psi	30/20	5/2	-100 to 1000 kPa	100/100	10/10	76 cm Hg to 10 kg/cm <sup>2</sup>	76/1	15/0.1
30/300	070	30" Hg to 300 psi	30/50	5/2	-100 to 2000 kPa	200/100	20/20	76 cm Hg to 21 kg/cm <sup>2</sup>	76/3	19/0.2
15	080	0 to 15 psi	3	0.1	0 to 100 kPa	10	1	0 to 1 kg/cm <sup>2</sup>	0.1	0.01
30	090	0 to 30 psi	5	0.2	0 to 200 kPa	20	2	0 to 2 kg/cm <sup>2</sup>	0.2	0.02
60	100	0 to 60 psi	10	0.5	0 to 400 kPa	50	5	0 to 4.2 kg/cm <sup>2</sup>	0.5	0.05
100	110	0 to 100 psi	10	1	0 to 700 kPa	100	5	0 to 7 kg/cm <sup>2</sup>	1	0.05
160	120	0 to 160 psi	20	1	0 to 1100 kPa	200	10	0 to 11 kg/cm <sup>2</sup>	1	0.1
200	130	0 to 200 psi	20	2	0 to 1400 kPa	200	10	0 to 14 kg/cm <sup>2</sup>	2	0.1
300	140	0 to 300 psi	50	2	0 to 2000 kPa	200	20	0 to 21 kg/cm <sup>2</sup>	3	0.2
400	150	0 to 400 psi	50	5	0 to 2800 kPa	400	20	0 to 28 kg/cm <sup>2</sup>	4	0.2
600	160	0 to 600 psi	50	5	0 to 4000 kPa	500	50	0 to 42 kg/cm <sup>2</sup>	6	0.5
1000	180	0 to 1000 psi	100	10	0 to 7000 kPa	1000	50	0 to 70 kg/cm <sup>2</sup>	10	0.5
Ranges over 1000 psi are not available on 500XB.										
1500	190	0 to 1500 psi	300	10	0 to 10,000 kPa	1000	100	0 to 100 kg/cm <sup>2</sup>	10	1
2000	200	0 to 2000 psi	200	20	0 to 14,000 kPa	2000	100	0 to 140 kg/cm <sup>2</sup>	20	1
3000	210	0 to 3000 psi	500	20	0 to 20,000 kPa	2000	200	0 to 210 kg/cm <sup>2</sup>	30	2
5000	220	0 to 5000 psi	500	50	0 to 35,000 kPa	5000	250	0 to 350 kg/cm <sup>2</sup>	50	2
10000	230	0 to 10,000 psi	1000	100	0 to 70,000 kPa	10,000	500	0 to 700 kg/cm <sup>2</sup>	100	10
Ranges over 10,000 psi are only available on 500XSS, and have Ni-Span-C tubes.										
15000	240	0 to 15,000 psi	3000	100	0 to 100,000 kPa	10,000	1000	0 to 1000 kg/cm <sup>2</sup>	100	10
20000	250	0 to 20,000 psi	2000	200	0 to 140,000 kPa	20,000	1000	0 to 1400 kg/cm <sup>2</sup>	200	10

For dual scale ranges, specify the appropriate Units of Measure: D (psi/kPa) or E (psi & kg/cm<sup>2</sup>) followed by the equivalent A (psi) Range Code. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.



# 575SS

## Field Test Gauge

INDUSTRIAL GAUGES



575SS shown

- ▶ **Mirrored Dial**
- ▶ **Includes Carrying Case**
- ▶ **NIST Traceable Certification**

The Trerice **575SS** offers portable inspecting and testing of pressure systems and vessels prior to start up or to trouble shoot existing applications. This gauge has a mirrored dial face, adjustable pointer and NIST traceable certification allowing for the best in-field testing.

For correct use and application of all pressure gauges refer to: Pressure Gauge Standard ASME B40.100.



### HOW TO ORDER

Sample Order Number: **575SS 45 02 L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
575SS	45 4 1/2"	02 1/4 NPT	L Lower	A psi	See Standard Ranges Note: "NEW" Range Codes

### Specifications

<b>Model</b>	575SS
<b>Dial Size</b>	4 1/2"
<b>Wetted Parts</b>	316L stainless steel tube and socket
<b>Movement</b>	Stainless steel, Delrin bushings and sector gear
<b>Connection</b>	1/4 NPT lower male
<b>Case</b>	Cast aluminum, chrome-plated finish NEMA 2
<b>Ring</b>	Cast aluminum, threaded chrome-plated finish
<b>Window</b>	Laminated safety glass
<b>Pointer</b>	Black knife edge, slotted micro-adjustable
<b>Dial Face</b>	Aluminum, white background with mirrored band, black graduations and markings
<b>Accuracy</b>	+/- 0.5% Full Scale, ASME B40.100 Grade 2A
<b>Safety</b>	Rear mounted blow-out disc and overload/underload stops
<b>Carrying Case</b>	Blue hard sided with foam insert for shock resistance
<b>Certification</b>	NIST traceable certificate of accuracy included with serial number printed on dial
<b>Features</b>	Heavy duty wrench Carry handle on case Restrictor screw

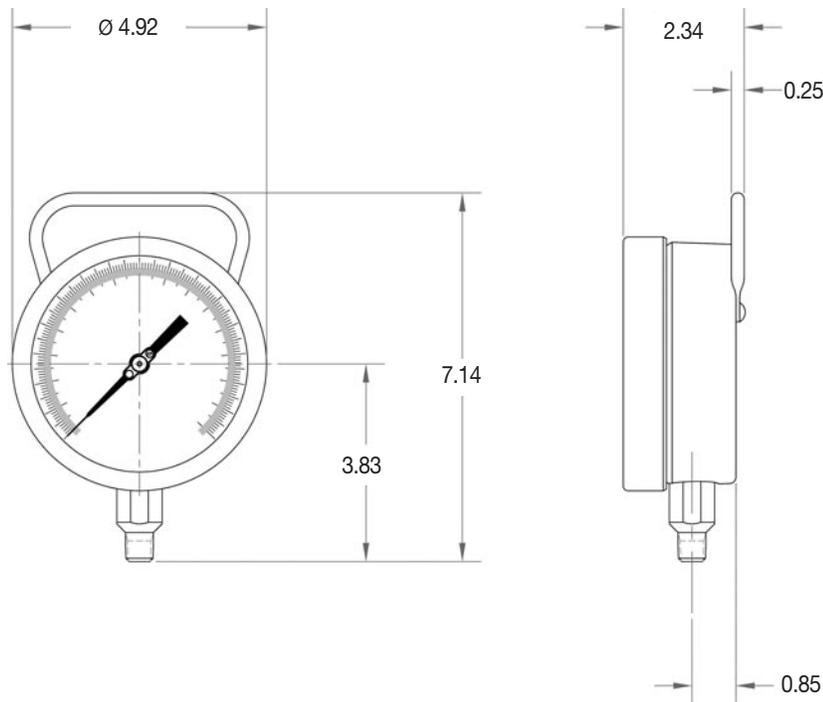
**Approximate Shipping Weight**  
3.2 lbs [1.45 kg]

**Note: "NEW" Range Codes**

# 575SS

## Field Test Gauge

INDUSTRIAL GAUGES



### Standard Ranges Note: "NEW" Range Codes

psi Ranges (A)				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0 psi	5	0.2
30/15	020	30" Hg to 15 psi	5/5	0.5/0.2
30/30	030	30" Hg to 30 psi	10/5	1/0.5
30/60	040	30" Hg to 60 psi	10/10	1/1
30/100	050	30" Hg to 100 psi	30/10	2/1
30/150	060	30" Hg to 150 psi	30/20	5/2
30/300	070	30" Hg to 300 psi	30/50	5/2
15	080	0 to 15 psi	3	0.1
30	090	0 to 30 psi	5	0.2
60	100	0 to 60 psi	10	0.5
100	110	0 to 100 psi	10	1
160	120	0 to 160 psi	20	1
200	130	0 to 200 psi	20	2
300	140	0 to 300 psi	50	2
400	150	0 to 400 psi	50	5
600	160	0 to 600 psi	50	5
1000	180	0 to 1000 psi	100	10
1500	190	0 to 1500 psi	300	10
2000	200	0 to 2000 psi	200	20
3000	210	0 to 3000 psi	500	20
5000	220	0 to 5000 psi	500	50

# 700 Series

Field Liquid Fillable • Stainless Steel Case

INDUSTRIAL GAUGES



700SS shown



- ▶ 2 1/2", 4", 6" Dial Sizes
- ▶ ±1.0% Accuracy
- ▶ Stainless Steel Case
- ▶ Field Liquid Fillable

The Trerice **700 Series** Industrial Gauge is designed for the varying needs of the world's industrial applications. This gauge has a stainless steel case and ring. Its sturdy interior design and field liquid-fill capability (no kit required) provide the durability and accuracy required for industrial process environments. Available wetted parts are bronze tube with Lead-Free (PBF) brass socket, stainless steel tube and socket, or Monel tube and socket.

- **Optional features and case style variations available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **700LFSS 25 02 B A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
700B	25 2 1/2" *	02 1/4 NPT	L Lower	A psi	See Standard Ranges
700LFB	40 4"	04 1/2 NPT	B Back	D psi/kPa	
700SS	60 6"				Note: "NEW" Range Codes
700LFSS					
700M					
700LFM					

\* Not available with Monel wetted parts or with 1/2 NPT connection.

## Specifications

Models	Wetted Parts
700B (dry) 700LFB (liquid-filled)	Bronze tube, brass socket Lead-Free (PBF) Meets NSF/ANSI Standards 372 and 61
700SS (dry) 700LFSS (liquid-filled)	316 stainless steel tube and socket
700M (dry) 700LFM (liquid-filled)	Monel tube and socket (meets NACE MR 01.75)

<b>Dial Sizes</b>	2 1/2", 4", 6"
<b>Fill</b>	Glycerine. Other fills available. See Options & Accessories.
<b>Movement</b>	700B Brass, 700SS, 700M Stainless steel
<b>Connection</b>	2 1/2" Dial Size: Lower male or center back male, 1/4 NPT 4", 6" Dial Size: Lower male or lower back male, 1/4 or 1/2 NPT
<b>Case</b>	304 stainless steel, satin finished, stem-mounted flangeless
<b>Ring</b>	Bayonet type, 304 stainless steel
<b>Window</b>	Laminated safety glass
<b>Pointer</b>	2 1/2" Dial Size: Adjustable, black finished 4", 6", Dial Size: Micro adjustable, black finished
<b>Dial Face</b>	Aluminum, white background with black graduations and markings
<b>Accuracy</b>	±1.0% Full Scale, ASME B40.100 Grade 1A

Maximum Temperature	
700SS, 700M:	250°F (121°C)
700B, 700LFB, 700LFSS, 700LFM:	150°F (65°C)

Approximate Shipping Weight	
700B, 700SS 2 1/2" Dial Size:	0.4 lbs [0.18 kg]
700LFB, 700LFSS, 700LFM 2 1/2" Dial Size:	0.5 lbs [0.23 kg]
700B, 700SS, 700M 4" Dial Size:	1.3 lbs [0.59 kg]
700LFB, 700LFSS, 700LFM 4" Dial Size:	2.1 lbs [0.95 kg]
700B, 700SS, 700M 6" Dial Size:	2.0 lbs [0.91 kg]
700LFB, 700LFSS, 700LFM 6" Dial Size:	3.8 lbs [1.72 kg]

# 700 Series

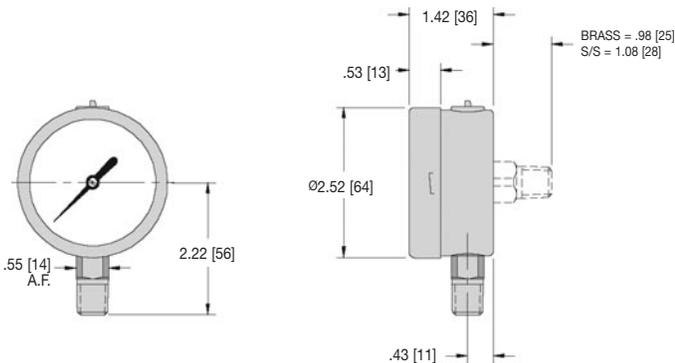
All dimensions are nominal. Dimensions in [ ] are in millimeters.

## Field Liquid Fillable • Stainless Steel Case

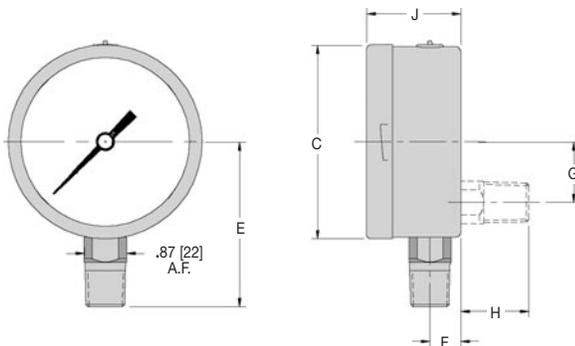
INDUSTRIAL GAUGES

Dial Size	Material	C	E	F	G	H	J
4"	Brass	3.98 [101]	3.39 [86]	0.94 [24]	1.04 [27]	1.44 [37]	2.24 [57]
	SS	3.98 [101]	3.39 [86]	0.94 [24]	1.36 [35]	1.38 [35]	2.24 [57]
6"	Brass	6.34 [161]	4.57 [116]	0.69 [18]	1.04 [27]	1.44 [37]	1.97 [50]
	SS	6.34 [161]	4.57 [116]	0.69 [18]	1.36 [35]	1.38 [35]	1.97 [50]

### 2 1/2"



### 4" & 6"



### Standard Ranges Note: "NEW" Range Codes

psi Ranges (A)				
All Sizes				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5
30/15	020	30" Hg to 15 psi	10/5	1.0/0.5
30/30	030	30" Hg to 30 psi	10/5	1/1
30/60	040	30" Hg to 60 psi	10/10	2/1
30/100	050	30" Hg to 100 psi	30/20	2/2
30/150	060	30" Hg to 150 psi	30/20	5/2
30/300	070	30" Hg to 300 psi	30/50	5/5
15	080	0 to 15 psi	3	0.2
30	090	0 to 30 psi	5	0.5
60	100	0 to 60 psi	10	1
100	110	0 to 100 psi	10	1
160	120	0 to 160 psi	20	2
200	130	0 to 200 psi	20	2
300	140	0 to 300 psi	50	5
400	150	0 to 400 psi	50	5
600	160	0 to 600 psi	1000	10
Ranges over 600 psi are not available in 700B or 700LFB in 4" or 6" Dial Sizes.				
1000	180	0 to 1000 psi	100	20
1500	190	0 to 1500 psi	300	20
2000	200	0 to 2000 psi	200	20
3000	210	0 to 3000 psi	500	50
5000	220	0 to 5000 psi	1000	100
10000	230	0 to 10,000 psi	1000	200
Ranges over 10,000 psi are ONLY available in 700SS or 700LFSS in 4" or 6" Dial Sizes.				
15000	240	0 to 15,000 psi	3000	200

For dual scale ranges, specify the appropriate **Units of Measure: D** (psi/kPa) followed by the corresponding **A** (psi) **Range Code**. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

# D80 Series

Dry or Liquid Filled • Stainless Steel Case

UTILITY GAUGES



D82LFB shown



- ▶ 1 1/2", 2", 2 1/2", 4" Dial Sizes
- ▶ ±1.6% Accuracy (1% Optional)
- ▶ Stainless Steel Case
- ▶ Glycerine Fill Standard

The Trerice **D80 Series** Industrial Gauge is designed for rugged performance requirements at an economical cost. This liquid filled gauge is furnished with a stainless steel case and crimped ring. Wetted parts are either bronze tube with Lead-Free (PBF) brass socket or stainless steel.

- **Optional features and case style variations available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **D82LFB 25 02 L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
D82LFB	15 1 1/2"	01 1/8 NPT*	L Lower	A psi	See Standard Ranges
D83LFSS	20 2"	02 1/4 NPT**	B Back	D psi/kPa	
D82B	25 2 1/2"	04 1/2 NPT***			Note: "NEW" Range Codes
D83SS	40 4"				

\* 1/8 NPT connection size not available with 4" dial size.  
 \*\* 1/4 NPT connection size not available with 1 1/2" dial size.  
 \*\*\* 1/2 NPT connection size only available with 4" dial size.

## Specifications

Models	Wetted Parts
D82B (dry)	Bronze tube, brass socket
D82LFB (liquid filled)	Lead-Free (PBF) Meets NSF/ANSI Standards 372 and 61
D83SS (dry)	316 Stainless steel tube & socket
D83LFSS (liquid filled)	
<b>Dial Sizes</b>	1 1/2", 2", 2 1/2", 4"
<b>Fill</b>	Glycerine, other fills available See Optional Features Section
<b>Movement</b>	<b>D82:</b> Brass <b>D83:</b> 316 Stainless steel
<b>Connection</b>	Lower male or center back male, (Lower back male 4" Dial only)
<b>Case</b>	304 stainless steel, stem-mounted flangeless
<b>Ring</b>	Crimped 304 stainless steel
<b>Window</b>	Acrylic
<b>Pointer</b>	Plain, black finished
<b>Dial Face</b>	Aluminum, white background with black graduations and markings
<b>Accuracy</b>	±1.6% Full Scale (1% available as an option)
<b>Maximum Temperature</b>	150°F (65°C)

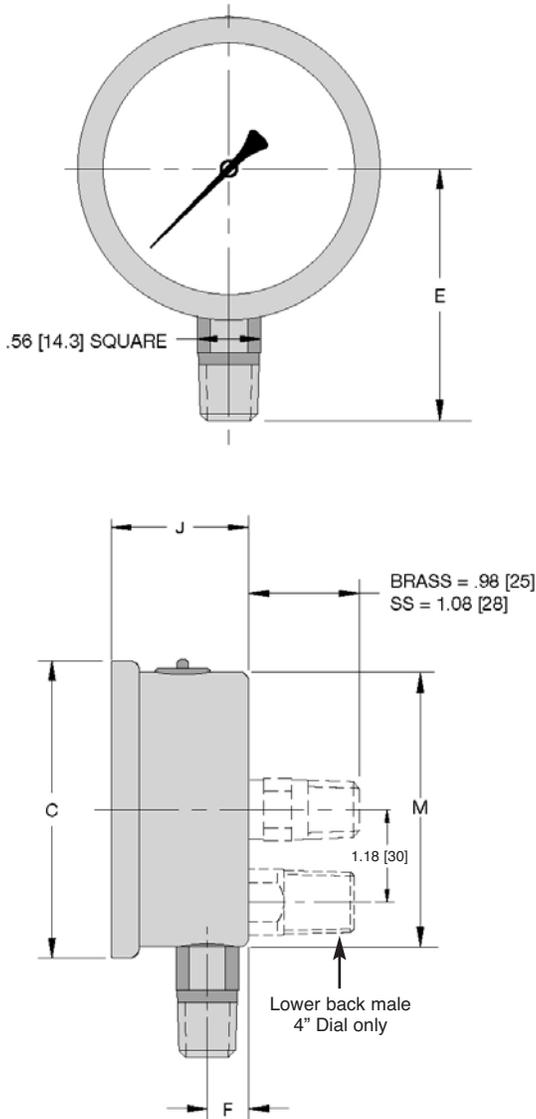
## Approximate Shipping Weight

- 1 1/2" Dial Size: 0.4 lbs [0.18 kg]
- 2" Dial Size: 0.4 lbs [0.18 kg]
- 2 1/2" Dial Size: 0.5 lbs [0.23 kg]
- 4" Dial Size: 1.0 lbs [0.45 kg]

# D80 Series

## Dry or Liquid Filled • Stainless Steel Case

All dimensions are nominal. Dimensions in [ ] are in millimeters.



### Standard Ranges

Note: "NEW" Range Codes

psi Ranges (A)			D82		D83	
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5	5	0.5
30/15	020	30" Hg to 15 psi	10/5	1/0.5	10/5	1/0.5
30/30	030	30" Hg to 30 psi	10/5	1/1	10/5	1/1
30/60	040	30" Hg to 60 psi	10/10	2/1	10/10	2/1
30/100	050	30" Hg to 100 psi	30/20	2/2	30/20	2/2
30/150	060	30" Hg to 150 psi	30/30	5/2	30/30	5/2
30/300	070	30" Hg to 300 psi	30/50	5/5	30/50	5/5
15	080	0 to 15 psi	3	0.2	3	0.2
30	090	0 to 30 psi	5	0.5	5	0.5
60	100	0 to 60 psi	10	1	10	1
100	110	0 to 100 psi	10	1	10	1
160	120	0 to 160 psi	20	2	20	2
200	130	0 to 200 psi	20	2	20	2
300	140	0 to 300 psi	50	5	50	5
400	150	0 to 400 psi	50	5	50	5
600	160	0 to 600 psi	100	10	100	10
1000	180	0 to 1000 psi	100	20	100	20
1500	190	0 to 1500 psi	300	20	300	20
2000	200	0 to 2000 psi	200	20	200	20
3000	210	0 to 3000 psi	500	50	500	50
5000	220	0 to 5000 psi	1000	100	1000	100

Ranges over 5000 PSI are not available on D82LFB.

10000	230	0 to 10000 psi	N/A	N/A	2000	200
20000	240	0 to 15000 psi	N/A	N/A	3000	200

For dual scale ranges specify the appropriate **Units of Measure: D (psi/kPa)** followed by the corresponding **A (psi) Range Code**

Dial Size	C	E	F	J	M
1 1/2" D82	1.85 [47]	1.50 [38]	0.32 [8]	1.06 [27]	1.61 [41]
1 1/2" D83	1.85 [47]	1.50 [38]	0.32 [8]	1.06 [27]	1.61 [41]
2" D82	2.28 [58]	1.89 [48]	0.39 [10]	1.14 [29]	2.05 [52]
2" D83	2.28 [58]	2.05 [52]	0.35 [9]	1.18 [30]	2.05 [52]
2 1/2" D82	2.68 [68]	2.24 [57]	0.39 [10]	1.18 [30]	2.44 [62]
2 1/2" D83	2.68 [68]	2.32 [59]	0.51 [13]	1.38 [35]	2.44 [62]
4" D82	4.29 [109]	3.07 [78]	0.47 [12]	1.42 [36]	3.90 [99]
4" D83	4.29 [109]	3.94 [100]	0.75 [19]	1.93 [49]	3.94 [100]

UTILITY GAUGES

# 875 Series

Dry or Liquid Filled • Brass Case

INDUSTRIAL GAUGES



875B shown

- ▶ Forged Brass Case & Socket
- ▶ Dry or Liquid Filled
- ▶ NEMA 4X Protection

The Trerice **875 Series** is designed for severe service applications. The one piece forged brass case and socket is able to withstand the harshest industrial processes. Glycerin fill is available to help protect against vibration and shock.

- Optional features and case style variations available: Please consult the **Options & Accessories Section** for details.
- For correct use and application of all pressure gauges, please refer to: **Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **875LFB 25 02 L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
875B 875LFB	25 2 1/2"	02 1/4 NPT	L Lower	A psi D psi/kPa	See Standard Ranges Note: "NEW" Range Codes

## Specifications

<b>Models</b>	<b>875B</b> (dry) <b>875LFB</b> (liquid filled)
<b>Dial Size</b>	<b>2 1/2"</b>
<b>Wetted Parts</b>	Copper alloy tube and forged brass socket
<b>Fill</b>	Glycerin. Other fills available. See Options & Accessories.
<b>Movement</b>	Brass
<b>Connection</b>	Lower male, 1/4 NPT
<b>Case</b>	Forged Brass
<b>Ring Assembly</b>	Press-in window with Polycarbonate Cover
<b>Window</b>	Polycarbonate
<b>Pointer</b>	Aluminum, black finished
<b>Dial Face</b>	Aluminum, white background with black gradations and markings
<b>Accuracy</b>	±2-1-2% Full Scale, ASME B40.100 Grade A
<b>Weather Protection</b>	NEMA 4X / IP65
<b>Maximum Operating Temperature</b>	140° F / 60° C

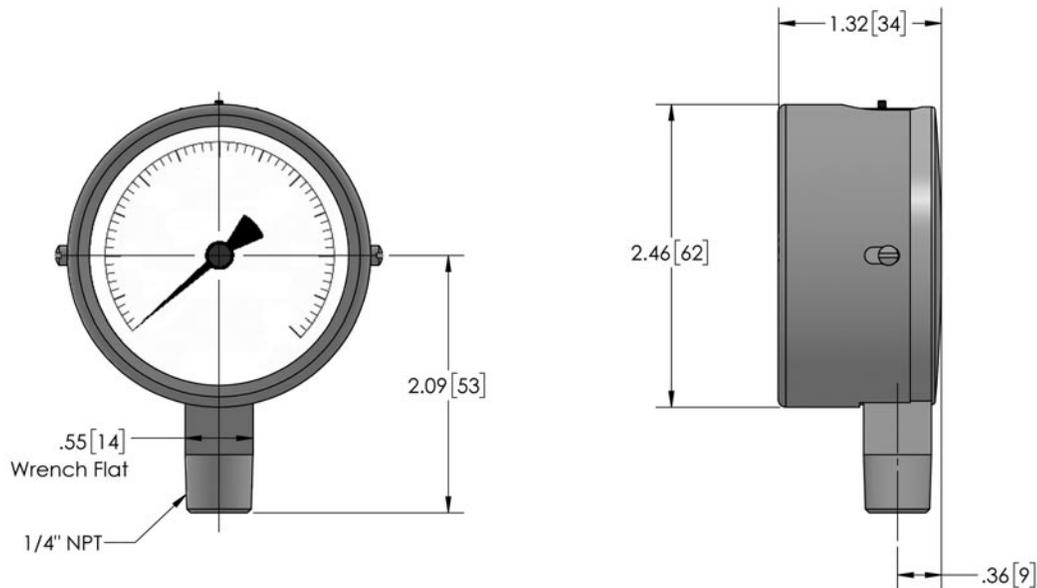
## Approximate Shipping Weight

875B: (dry)	0.65 lbs [0.29 kg]
875LFB: (liquid filled)	0.78 lbs [0.35 kg]

# 875 Series

## Dry or Liquid Filled • Brass Case Gauge

All dimensions are nominal. Dimensions in [ ] are in millimeters.



INDUSTRIAL GAUGES

### Standard Ranges

Note: "NEW" Range Codes

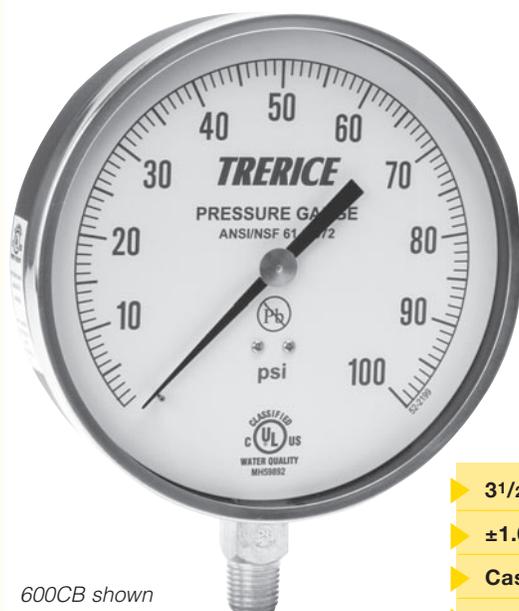
psi Ranges (A)				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5
30/15	020	30" Hg to 15 psi	10/5	1/0.5
30/30	030	30" Hg to 30 psi	10/5	1/1
30/60	040	30" Hg to 60 psi	10/10	2/1
30/100	050	30" Hg to 100 psi	30/20	2/2
30/150	060	30" Hg to 150 psi	30/30	5/2
30/300	070	30" Hg to 300 psi	30/50	5/5
15	080	0 to 15 psi	3	0.2
30	090	0 to 30 psi	5	0.5
60	100	0 to 60 psi	10	1
100	110	0 to 100 psi	10	1
160	120	0 to 160 psi	20	2
200	130	0 to 200 psi	20	2
300	140	0 to 300 psi	50	5
400	150	0 to 400 psi	50	5
600	160	0 to 600 psi	100	10
1000	180	0 to 1000 psi	100	20
1500	190	0 to 1500 psi	300	20
2000	200	0 to 2000 psi	300	20
3000	210	0 to 3000 psi	500	50
5000	230	0 to 5000 psi	1000	100

For dual scale ranges specify the appropriate **Units of Measure: D** (psi/kPa) followed by the corresponding **A** (psi) Range Code

# 600CB

## Cast Aluminum Case

COMMERCIAL • CONTRACTOR GAUGES



600CB shown



- ▶ 3 1/2" & 4 1/2" Dial Sizes
- ▶ ±1.0% Accuracy
- ▶ Cast Aluminum Case
- ▶ Adjustable Pointer

The **600CB** Trerice Contractor Gauge is among the most frequently specified HVACR gauges within the construction industry. This gauge offers high reliability at a moderate price. The 600CB is furnished with a cast aluminum case and an adjustable pointer. Wetted parts are Lead-Free (PBF) brass.

- Optional features and case style variations available: Please consult the Options & Accessories Section for details.
- For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.

**Note: "NEW" Range Codes**

### HOW TO ORDER

Sample Order Number: **600CB 35 02 L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
600CB	35 3 1/2" 45 4 1/2"	02 1/4 NPT	L Lower	A psi	See Standard Ranges
				B kPa	
				C kg/cm <sup>2</sup>	
				D psi/kPa	
				E psi & kg/cm <sup>2</sup>	
					Note: "NEW" Range Codes

### Specifications

**Model**

600CB

**Dial Sizes** 3 1/2", 4 1/2"

**Wetted Parts**

Bronze tube, brass socket  
Lead-Free (PBF)  
Meets NSF/ANSI Standards  
372 and 61

**Movement** Brass

**Connection** Lower male, 1/4 NPT

**Case** Cast aluminum, black finished, stem-mounted flangeless

**Ring** Friction type, 304 Stainless steel

**Window** Clear glass

**Pointer** Adjustable, black finished

**Dial Face** Aluminum, white background with black graduations and markings

**Accuracy** ±1.0% Full Scale,  
ASME B40.100 Grade 1A

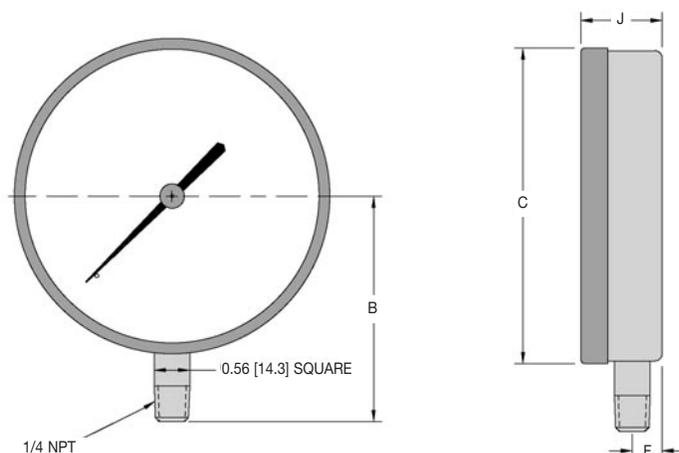
**Maximum Temperature**  
212°F (100°C)

**Approximate Shipping Weight**

3 1/2" Dial Size:  
0.7 lbs [0.32 kg]

4 1/2" Dial Size:  
1.1 lbs [0.50 kg]

All dimensions are nominal. Dimensions in [ ] are in millimeters.



Dial Size	B	C	F	J
3 1/2"	3.06 [77.8]	3.88 [98.6]	0.44 [11.2]	1.22 [31]
4 1/2"	3.54 [89.9]	4.96 [126]	0.47 [11.9]	1.28 [32.5]

### Standard Ranges

Note: "NEW" Range Codes

		psi Ranges (A)			Corresponding kPa Ranges (B)			Corresponding kg/cm <sup>2</sup> Ranges (C)		
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5	-100 to 0 kPa	10	2	76 cm Hg to 0	10	1
30/15	020	30" Hg to 15 psi	10/5	1/0.5	-100 to 100 kPa	20/20	2/2	76 cm Hg to 1 kg/cm <sup>2</sup>	20/0.2	1/0.2
30/30	030	30" Hg to 30 psi	10/5	1/1	-100 to 200 kPa	50/50	5/5	76 cm Hg to 2 kg/cm <sup>2</sup>	20/0.5	2/0.2
30/60	040	30" Hg to 60 psi	10/10	2/1	-100 to 400 kPa	100/100	10/10	76 cm Hg to 4 kg/cm <sup>2</sup>	25/0.5	5/0.5
30/100	050	30" Hg to 100 psi	30/20	2/2	-100 to 700 kPa	100/100	10/10	76 cm Hg to 7 kg/cm <sup>2</sup>	76/1	5/0.1
30/150	060	30" Hg to 150 psi	30/30	5/2	-100 to 1000 kPa	100/100	10/10	76 cm Hg to 10 kg/cm <sup>2</sup>	76/1	15/0.1
30/300	070	30" Hg to 300 psi	30/50	5/5	-100 to 2000 kPa	100/200	20/20	76 cm Hg to 21 kg/cm <sup>2</sup>	76/3	19/0.2
15	080	0 to 15 psi	3	0.2	0 to 100 kPa	10	1	0 to 1 kg/cm <sup>2</sup>	0.1	0.02
30	090	0 to 30 psi	5	0.5	0 to 200 kPa	20	2	0 to 2 kg/cm <sup>2</sup>	0.2	0.02
60	100	0 to 60 psi	10	1	0 to 400 kPa	50	5	0 to 4.2 kg/cm <sup>2</sup>	0.5	0.05
100	110	0 to 100 psi	10	1	0 to 700 kPa	100	10	0 to 7 kg/cm <sup>2</sup>	1	0.1
160	120	0 to 160 psi	20	2	0 to 1100 kPa	100	10	0 to 11 kg/cm <sup>2</sup>	1	0.1
200	130	0 to 200 psi	20	2	0 to 1400 kPa	200	20	0 to 14 kg/cm <sup>2</sup>	2	0.2
300	140	0 to 300 psi	50	5	0 to 2000 kPa	200	20	0 to 21 kg/cm <sup>2</sup>	3	0.2
400	150	0 to 400 psi	50	5	0 to 2800 kPa	400	20	0 to 28 kg/cm <sup>2</sup>	4	0.2
600	160	0 to 600 psi	100	10	0 to 4000 kPa	500	50	0 to 42 kg/cm <sup>2</sup>	6	0.5
1000	180	0 to 1000 psi	100	20	0 to 7000 kPa	1000	100	0 to 70 kg/cm <sup>2</sup>	10	1

For dual scale ranges, specify the appropriate **Units of Measure: D (psi/kPa) or E (psi & kg/cm<sup>2</sup>)** followed by the equivalent **A (psi) Range Code**. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

# 610CB

## Glass Filled Nylon Case

COMMERCIAL • CONTRACTOR GAUGES



610CB shown



- ▶ 4 1/2" Dial Size
- ▶ ±1.0% Accuracy
- ▶ Back Flanged, Glass Filled Nylon Case
- ▶ Adjustable Pointer

The **610CB Trerice** Contractor Gauge is designed to service the pressure measurement requirements of the construction and transportation industries. The 610CB is furnished with a corrosion resistant plastic case and an adjustable pointer. Wetted parts are a bronze tube with Lead-Free (PBF) brass socket.

- **Optional features and case style variations available:** Please consult the **Options & Accessories** Section for details.
- **For correct use and application of all pressure gauges, please refer to:** Pressure Gauge Standard ASME B40.100.

**Note: "NEW" Range Codes**

### HOW TO ORDER

Sample Order Number: **610CB 45 02 L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
610CB	45 4 1/2"	02 1/4 NPT	L Lower	A psi B kPa C kg/cm <sup>2</sup> D psi/kPa E psi & kg/cm <sup>2</sup>	See Standard Ranges  Note: "NEW" Range Codes

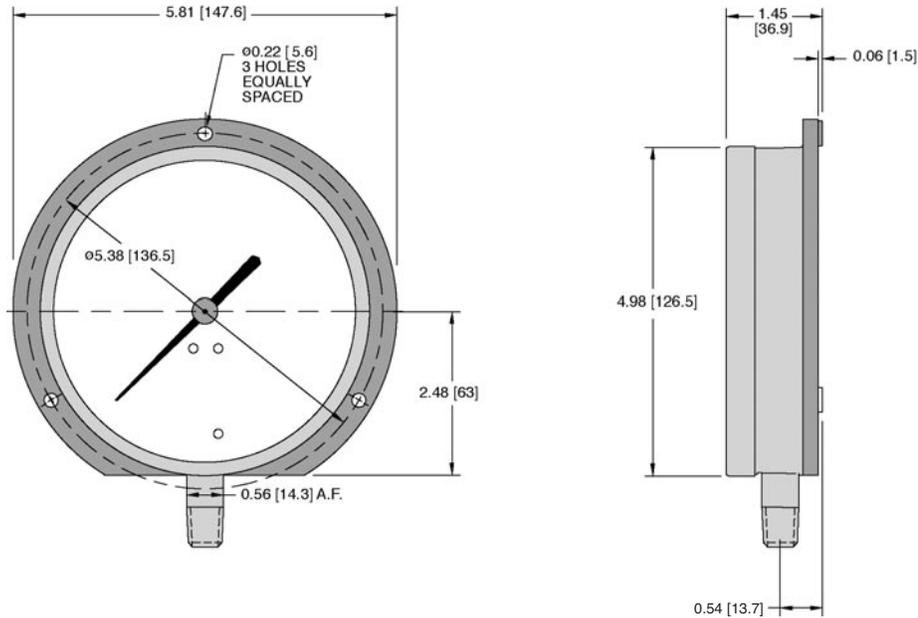
### Specifications

<b>Model</b>	610CB
<b>Dial Size</b>	4 1/2"
<b>Wetted Parts</b>	Bronze tube, brass socket Lead-Free (PBF) Meets NSF/ANSI Standards 372 and 61
<b>Movement</b>	Brass
<b>Connection</b>	Lower male, 1/4 NPT
<b>Case</b>	Glass filled nylon, surface mounted back flanged
<b>Ring</b>	Friction type, 304 stainless steel
<b>Window</b>	Clear glass
<b>Pointer</b>	Adjustable, black finished
<b>Dial Face</b>	Aluminum, white background with black graduations and markings
<b>Accuracy</b>	±1.0% Full Scale, ASME B40.100 Grade 1A
<b>Maximum Temperature</b>	212°F (101°C)
<b>Approximate Shipping Weight</b>	0.9 lbs [0.41 kg]

# 610CB

## Glass Filled Nylon Case

All dimensions are nominal. Dimensions in [ ] are in millimeters.



COMMERCIAL • CONTRACTOR GAUGES

### Standard Ranges

Note: "NEW" Range Codes

NEW Range Code	OLD Range Code	psi Ranges (A)			Corresponding kPa Ranges (B)			Corresponding kg/cm <sup>2</sup> Ranges (C)		
		Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5	-100 to 0 kPa	10	2	76 cm Hg to 0	10	1
30/15	020	30" Hg to 15 psi	10/5	1/0.5	-100 to 100 kPa	20/20	2/2	76 cm Hg to 1 kg/cm <sup>2</sup>	20/0.2	1/0.2
30/30	030	30" Hg to 30 psi	10/5	1/1	-100 to 200 kPa	50/50	5/5	76 cm Hg to 2 kg/cm <sup>2</sup>	20/0.5	2/0.2
30/60	040	30" Hg to 60 psi	10/10	2/1	-100 to 400 kPa	100/100	10/10	76 cm Hg to 4 kg/cm <sup>2</sup>	25/0.5	5/0.5
30/100	050	30" Hg to 100 psi	30/20	2/2	-100 to 700 kPa	100/100	10/10	76 cm Hg to 7 kg/cm <sup>2</sup>	76/1	5/0.1
30/150	060	30" Hg to 150 psi	30/30	5/2	-100 to 1000 kPa	100/100	10/10	76 cm Hg to 10 kg/cm <sup>2</sup>	76/1	15/0.1
30/300	070	30" Hg to 300 psi	30/50	5/5	-100 to 2000 kPa	100/200	20/20	76 cm Hg to 21 kg/cm <sup>2</sup>	76/3	19/0.2
15	080	0 to 15 psi	3	0.2	0 to 100 kPa	10	1	0 to 1 kg/cm <sup>2</sup>	0.1	0.02
30	090	0 to 30 psi	5	0.5	0 to 200 kPa	20	2	0 to 2 kg/cm <sup>2</sup>	0.2	0.02
60	100	0 to 60 psi	10	1	0 to 400 kPa	50	5	0 to 4.2 kg/cm <sup>2</sup>	0.5	0.05
100	110	0 to 100 psi	10	1	0 to 700 kPa	100	10	0 to 7 kg/cm <sup>2</sup>	1	0.1
160	120	0 to 160 psi	20	2	0 to 1100 kPa	100	10	0 to 11 kg/cm <sup>2</sup>	1	0.1
200	130	0 to 200 psi	20	2	0 to 1400 kPa	200	20	0 to 14 kg/cm <sup>2</sup>	2	0.2
300	140	0 to 300 psi	50	5	0 to 2000 kPa	200	20	0 to 21 kg/cm <sup>2</sup>	3	0.2
400	150	0 to 400 psi	50	5	0 to 2800 kPa	400	20	0 to 28 kg/cm <sup>2</sup>	4	0.2
600	160	0 to 600 psi	100	10	0 to 4000 kPa	500	50	0 to 42 kg/cm <sup>2</sup>	6	0.5
1000	180	0 to 1000 psi	100	20	0 to 7000 kPa	1000	100	0 to 70 kg/cm <sup>2</sup>	10	1

For dual scale ranges, specify the appropriate **Units of Measure: D (psi/kPa) or E (psi & kg/cm<sup>2</sup>)** followed by the equivalent **A (psi) Range Code**. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

# 620B

## Stainless Steel Case

COMMERCIAL • CONTRACTOR GAUGES



620B shown



- ▶ 4 1/2" Dial Size
- ▶ ±1.0% Accuracy
- ▶ Stainless Steel Case
- ▶ Recalibrator Screw

The **620B** Trerice Contractor Gauge is designed to service the general pressure measurement requirements of the construction industry. The 620B offers high reliability at an economic price. This gauge features a corrosion resistant, stainless steel case and acrylic window. Wetted parts are Lead-Free (PBF) brass.

- For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.

**Note: "NEW" Range Codes**

### HOW TO ORDER

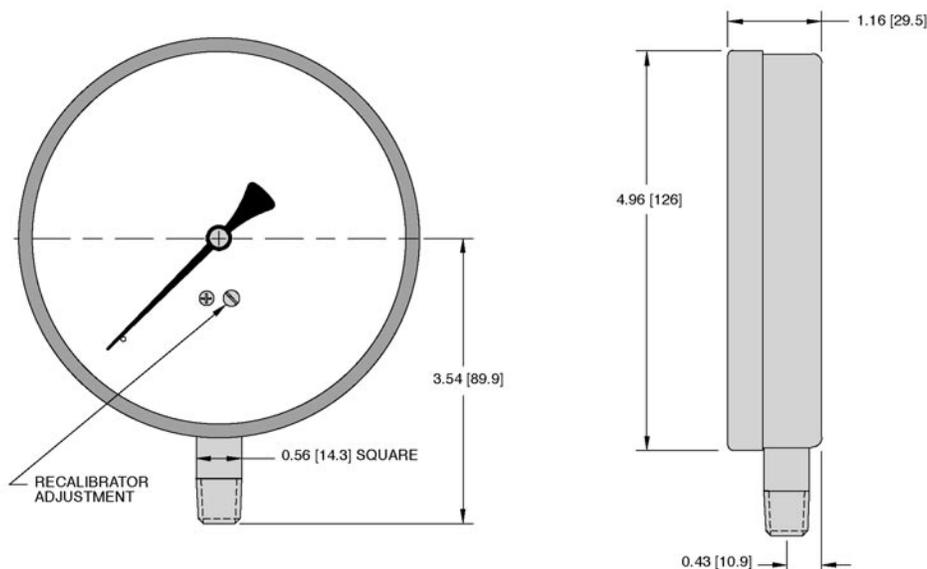
Sample Order Number: **620B 45 02 L D 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
620B	45 4 1/2"	02 1/4 NPT	L Lower	A psi D psi/kPa	See Standard Ranges  Note: "NEW" Range Codes

### Specifications

<b>Model</b>	620B
<b>Dial Size</b>	4 1/2"
<b>Wetted Parts</b>	Bronze tube, brass socket Lead-Free (PBF) Meets NSF/ANSI Standards 372 and 61
<b>Movement</b>	Brass
<b>Connection</b>	Lower male, 1/4 NPT
<b>Case</b>	304 stainless steel, stem-mounted flangeless
<b>Ring</b>	Friction type, 304 stainless steel
<b>Window</b>	Acrylic
<b>Pointer</b>	Plain, black finished Adjustable via screw on dial face
<b>Dial Face</b>	Aluminum, white background with black graduations and markings
<b>Accuracy</b>	±1.0% Full Scale, ASME B40.100 Grade 1A
<b>Maximum Temperature</b>	<b>212°F (100° C)</b>
<b>Approximate Shipping Weight</b>	0.8 lbs [0.36 kg]

All dimensions are nominal. Dimensions in [ ] are in millimeters.



### Standard Ranges

Note: “NEW” Range Codes

NEW Range Code	OLD Range Code	psi Ranges (A)			Corresponding psi/kPa Ranges (D)					
		Specific Range	Figure Intervals	Minor Divisions	Specific Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions	
30/0	010	30" Hg to 0	5	0.5	30" Hg to 0 / -100 to 0 kPa	5	0.5	10	1	
30/15	020	30" Hg to 15 psi	10/5	1/0.5	30" Hg to 15 psi / -100 to 100 kPa	10/5	1/0.5	20/20	2/2	
30/30	030	30" Hg to 30 psi	10/5	1/1	30" Hg to 30 psi / -100 to 200 kPa	10/5	1/1	50/50	5/5	
30/60	040	30" Hg to 60 psi	10/10	2/1	30" Hg to 60 psi / -100 to 400 kPa	10/10	2/1	100/100	10/10	
30/100	050	30" Hg to 100 psi	30/20	2/2	30" Hg to 100 psi / -100 to 700 kPa	30/20	2/2	100/100	10/10	
30/150	060	30" Hg to 150 psi	30/30	5/2	30" Hg to 150 psi / -100 to 1000 kPa	30/30	5/2	100/100	10/10	
30/300	070	30" Hg to 300 psi	30/50	5/5	30" Hg to 300 psi / -100 to 2000 kPa	30/50	5/5	100/200	20/20	
15	080	0 to 15 psi	3	0.2	0 to 15 psi / 0 to 100 kPa	3	0.2	10	1	
30	090	0 to 30 psi	5	0.5	0 to 30 psi / 0 to 200 kPa	5	0.5	20	2	
60	100	0 to 60 psi	10	1	0 to 60 psi / 0 to 400 kPa	10	1	50	5	
100	110	0 to 100 psi	10	1	0 to 100 psi / 0 to 700 kPa	10	1	100	5	
160	120	0 to 160 psi	20	2	0 to 160 psi / 0 to 1100 kPa	20	2	200	10	
200	130	0 to 200 psi	20	2	0 to 200 psi / 0 to 1400 kPa	20	2	300	10	
300	140	0 to 300 psi	50	5	0 to 300 psi / 0 to 2000 kPa	50	5	200	20	
400	150	0 to 400 psi	50	5	0 to 400 psi / 0 to 2800 kPa	50	5	300	50	
600	160	0 to 600 psi	100	10	0 to 600 psi / 0 to 4000 kPa	100	10	500	50	

# 690 Series

## Multiple Stainless Steel Case Styles

COMMERCIAL • CONTRACTOR GAUGES



690B shown



- ▶ 3 1/2" Dial Size
- ▶ ±1.0% Accuracy
- ▶ Polished Stainless Steel Case
- ▶ Multiple Case Styles

Trerice **690 Series** Commercial Gauges are offered in a polished stainless steel case to provide the durability and styling required in OEM and other applications. This gauge is available in a variety of case styles. Wetted parts are a bronze tube with Lead-Free (PBF) brass socket.

- **Optional features available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

### HOW TO ORDER

Sample Order Number: **690B 35 02 L D 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
690B	35 3 1/2"	02 1/4 NPT	L Lower *	D psi/kPa	See Standard Ranges  Note: "NEW" Range Codes
691B			B Back **	A psi	
692B				B kPa	
693B					
694B					
696B					

\* For Models 690B & 692B only

\*\* For Models 691B, 693B, 694B & 696B only

### Specifications

Models	Case Styles
690B	 <b>Flangeless</b> , stem mounted with bottom outlet
691B	 <b>Flangeless</b> , stem mounted with back outlet
692B	 <b>Surface Mounted</b> , back flanged with bottom outlet
693B	 <b>Flush Mounted</b> , front flanged with back outlet
694B	 <b>Flush Mounted</b> , u-clamp with back outlet
696B	 <b>Surface Mounted</b> , back flanged with back outlet

**Dial Size** 3 1/2"

#### Wetted Parts

Bronze tube, brass socket  
Lead-Free (PBF)  
Meets NSF/ANSI Standards 372 and 61

**Movement** Brass

**Connection** **690B, 692B:**  
Lower male, 1/4 NPT  
**691B, 693B, 694B, 696B:**  
Center back male, 1/4 NPT

**Case** Stainless Steel

**Window** Acrylic, snap-in

**Pointer** Adjustable, black finish

**Dial Face** Aluminum, white background with black graduations and markings

**Accuracy** ±1.0% Full Scale,  
ASME B40.100 Grade 1A

**Maximum Temperature**  
150°F (65°C)

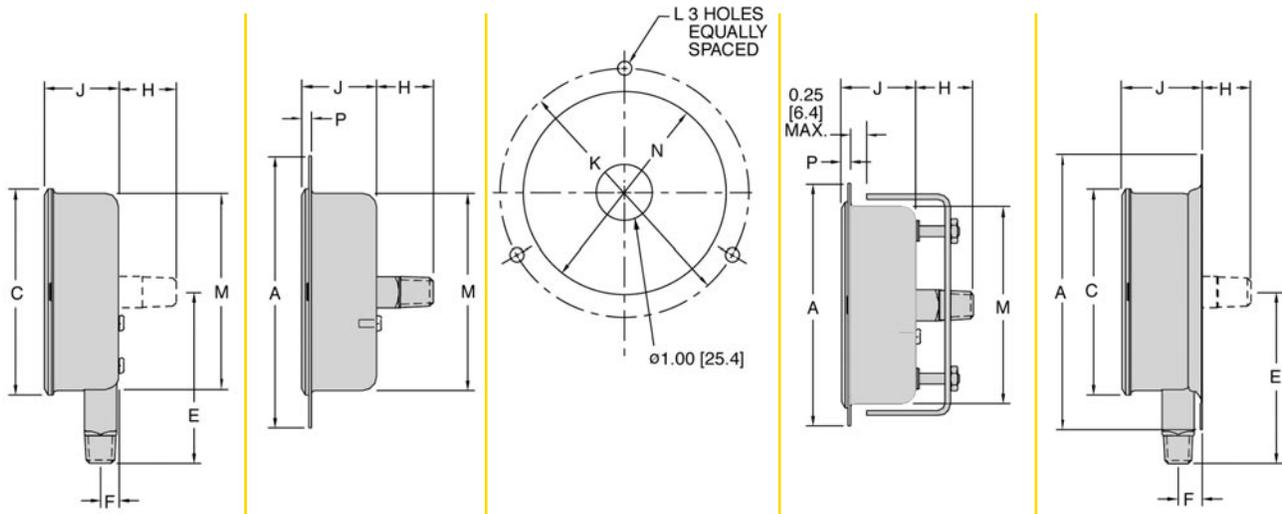
**Approximate Shipping Weight**  
690B, 691B, 692B, 696B:  
0.6 lbs [0.27 kg]  
693B:  
0.8 lbs [0.36 kg]  
694B:  
0.9 lbs [0.41 kg]

# 690 Series

## Multiple Stainless Steel Case Styles

All dimensions are nominal. Dimensions in [ ] are in millimeters.

COMMERCIAL • CONTRACTOR GAUGES



**690B / 691B**

**693B**

**692B / 693B / 696B**

**694B**

**692B / 696B**

Model	A	C	E	F	H	J	K	L	M	N	P
690B	N/A	3.67 [93.2]	3.06 [77.8]	0.32 [8.2]	N/A	1.33 [33.8]	N/A	N/A	3.51 [89.2]	N/A	0.17 [4.3]
691B	N/A	3.67 [93.2]	N/A	N/A	1.01 [25.8]	1.33 [33.8]	N/A	N/A	3.51 [89.2]	N/A	0.17 [4.3]
692B	4.91 [124.7]	3.67 [93.2]	3.06 [77.8]	0.43 [11]	0.90 [23.0]	1.44 [36.6]	4.25 [108]	0.25 [6.4]	N/A	N/A	N/A
693B	4.84 [122.9]	N/A	N/A	N/A	1.01 [25.8]	1.33 [33.8]	4.25 [108]	0.25 [6.4]	3.51 [89.2]	3.62 [92]	0.17 [4.3]
694B	4.31 [109.5]	N/A	N/A	N/A	1.01 [25.8]	1.33 [33.8]	N/A	N/A	3.51 [89.2]	3.62 [92]	0.17 [4.3]
696B	4.91 [124.7]	3.67 [93.2]	N/A	N/A	0.90 [23]	1.44 [36.6]	4.25 [108]	0.25 [6.4]	N/A	N/A	N/A

### Standard Ranges

Note: "NEW" Range Codes

NEW Range Code	OLD Range Code	psi/kPa Ranges (D)		Corresponding psi (A)		Corresponding kPa (B)	
		Specific Range		Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0 / -100 to 0 kPa		5	0.5	10	2
30/15	020	30" Hg to 15 psi / -100 to 100 kPa		10/5	1/0.5	20/20	2/2
30/30	030	30" Hg to 30 psi / -100 to 200 kPa		10/5	1/1	50/50	5/5
30/60	040	30" Hg to 60 psi / -100 to 400 kPa		10/10	2/1	100/100	10/10
30/100	050	30" Hg to 100 psi / -100 to 700 kPa		30/20	2/2	100/100	10/10
30/150	060	30" Hg to 150 psi / -100 to 1000 kPa		30/30	5/2	100/100	10/10
30/300	070	30" Hg to 300 psi / -100 to 2000 kPa		30/50	5/5	100/200	20/20
15	080	0 to 15 psi / 0 to 100 kPa		3	0.2	10	1
30	090	0 to 30 psi / 0 to 200 kPa		5	0.5	20	2
60	100	0 to 60 psi / 0 to 400 kPa		10	1	50	5
100	110	0 to 100 psi / 0 to 700 kPa		10	1	100	5
160	120	0 to 160 psi / 0 to 1100 kPa		20	2	200	10
200	130	0 to 200 psi / 0 to 1400 kPa		20	2	200	20
300	140	0 to 300 psi / 0 to 2000 kPa		50	5	200	20
400	150	0 to 400 psi / 0 to 2800 kPa		50	5	400	20
600	160	0 to 600 psi / 0 to 4000 kPa		100	10	500	50
1000	180	0 to 1000 psi / 0 to 7000 kPa		100	20	1000	100

Other pressure ranges are also available including: Altitude, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

# 800B

Dry • Black Finished Steel Case

UTILITY GAUGES



800B shown



- ▶ 1 1/2", 2", 2 1/2", 4" Dial Sizes
- ▶ ±1.6% Accuracy
- ▶ Drawn Steel Case

The Trerice **800B** Utility Gauge is designed for general pressure indication requirements. This gauge provides reliable service at an economical cost. Wetted parts are bronze tube and Lead-Free (PBF) brass socket.

- **Optional features and case style variations available:** Please consult the Options & Accessories Section for details.
- **For correct use and application of all pressure gauges, please refer to:** Pressure Gauge Standard ASME B40.100.

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **800B 15 01 B D 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
800B	15 1 1/2"	01 1/8 NPT	L Lower	A psi	See Standard Ranges <b>Note: "NEW" Range Codes</b>
	20 2"	02 1/4 NPT	B Back	D psi/kPa	
	25 2 1/2"				
	40 4"				

## Specifications

**Model**  
800B

**Dial Sizes** 1 1/2", 2", 2 1/2", 4"

### Wetted Parts

Bronze tube, brass socket  
Lead-Free (PBF)  
Meets NSF/ANSI Standards  
372 and 61

**Movement** Brass

**Connection** 1 1/2" Dial Size: Lower male or center back male, 1/8 NPT  
  
2", 2 1/2" Dial Size: Lower male or center back male, 1/8 or 1/4 NPT  
  
4" Dial Size: Lower male or center back male, 1/4 NPT

**Case** Drawn steel, black finished, stem-mounted flangeless

**Window** Acrylic

**Pointer** Plain, black finished

**Dial Face** Aluminum, white background with black graduations and markings

**Accuracy** ±1.6% Full Scale

**Maximum Temperature**  
180°F (82°C)

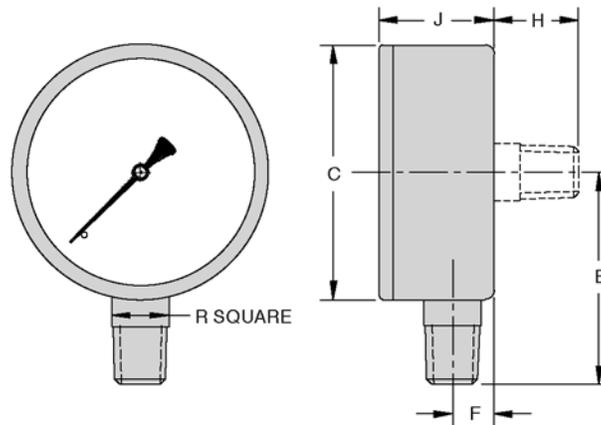
### Approximate Shipping Weight

1 1/2" Dial Size:  
0.2 lbs [0.09 kg]  
  
2" Dial Size:  
0.3 lbs [0.14 kg]  
  
2 1/2" Dial Size:  
0.3 lbs [0.14 kg]  
  
4" Dial Size:  
0.6 lbs [0.27 kg]

All dimensions are nominal. Dimensions in [ ] are in millimeters.

Dry • Black Finished Steel Case

UTILITY GAUGES



Dial Size	C	E	F	H	J	R
1 1/2" Lower	1.57 [40]	1.54 [39]	0.35 [9]	0.71 [18]	1.02 [26]	0.43 [11]
1 1/2" Back	1.57 [40]	1.54 [39]	0.35 [9]	0.68 [17]	1.15 [29]	0.43 [11]
2"	1.97 [50]	1.93 [49]	0.39 [10]	0.89 [23]	1.16 [29]	0.55 [14]
2 1/2"	2.48 [63]	2.20 [56]	0.39 [10]	0.87 [22]	1.16 [29]	0.55 [14]
4"	3.94 [100]	2.87 [73]	0.39 [10]	0.95 [24]	1.38 [35]	0.55 [14]

## Standard Ranges

Note: "NEW" Range Codes

psi Ranges (A)					Corresponding psi/kPa Ranges (D)				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions	Specific Range	psi		kPa	
						Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5	30" Hg to 0 / -100 to 0 kPa	5	0.5	10	2
30/15	020	30" Hg to 15 psi	10/5	1/0.5	30" Hg to 15 psi / -100 to 100 kPa	10/5	1/0.5	20/20	2/2
30/30	030	30" Hg to 30 psi	10/5	1/1	30" Hg to 30 psi / -100 to 200 kPa	10/5	1/1	50/50	5/5
30/60	040	30" Hg to 60 psi	10/10	2/1	30" Hg to 60 psi / -100 to 400 kPa	10/10	2/1	100/100	10/10
30/100	050	30" Hg to 100 psi	30/20	2/2	30" Hg to 100 psi / -100 to 700 kPa	30/20	2/2	100/100	10/10
30/150	060	30" Hg to 150 psi	30/30	5/2	30" Hg to 150 psi / -100 to 1000 kPa	30/30	5/2	100/100	10/10
30/300	070	30" Hg to 300 psi	30/50	5/5	30" Hg to 300 psi / -100 to 2000 kPa	30/50	5/5	100/200	20/20
15	080	0 to 15 psi	3	0.2	0 to 15 psi / 0 to 100 kPa	3	0.2	10	1
30	090	0 to 30 psi	5	0.5	0 to 30 psi / 0 to 200 kPa	5	0.5	20	2
60	100	0 to 60 psi	10	1	0 to 60 psi / 0 to 400 kPa	10	1	50	5
100	110	0 to 100 psi	10	1	0 to 100 psi / 0 to 700 kPa	10	1	100	10
160	120	0 to 160 psi	20	2	0 to 160 psi / 0 to 1100 kPa	20	2	200	10
200	130	0 to 200 psi	20	2	0 to 200 psi / 0 to 1400 kPa	20	2	200	20
300	140	0 to 300 psi	50	5	0 to 300 psi / 0 to 2000 kPa	50	5	200	20
400	150	0 to 400 psi	50	5	0 to 400 psi / 0 to 2800 kPa	50	10	400	20
600	160	0 to 600 psi	100	10	0 to 600 psi / 0 to 4000 kPa	100	20	500	50
1000	180	0 to 1000 psi	100	20	0 to 1000 psi / 0 to 7000 kPa	100	20	1000	100
1500	190	0 to 1500 psi	300	20	0 to 1500 psi / 0 to 10,000 kPa	300	20	1000	200
2000	200	0 to 2000 psi	200	20	0 to 2000 psi / 0 to 14,000 kPa	200	50	2000	200
3000	210	0 to 3000 psi	500	50	0 to 3000 psi / 0 to 20,000 kPa	500	100	2000	200
5000	220	0 to 5000 psi	1000	100	0 to 5000 psi / 0 to 35,000 kPa	1000	100	5000	500

# 800LFB

Liquid Filled • Plastic Case

UTILITY GAUGES



800LFB shown

- ▶ 2", 2 1/2", 3 1/2" Dial Sizes
- ▶ ±1.6% Accuracy (2", 2 1/2")
- ▶ ±1.0% Accuracy (3 1/2")
- ▶ Liquid Filled

The Trerice **800LFB** Utility Gauge is designed to meet the needs of general industrial applications. The gauge features a rugged, plastic, liquid filled case to withstand minor vibration and pulsation conditions. Wetted parts are bronze tube with brass socket.

- **Optional features and case style variations available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **800LFB 25 02 L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
800LFB	20 2"	01 1/8 NPT*	L Lower	A psi	See Standard Ranges  Note: "NEW" Range Codes
	25 2 1/2"	02 1/4 NPT	B Back	D psi/kPa	
	35 3 1/2"				

\* 1/8 NPT connection size not available with 3 1/2" dial size.

## Specifications

<b>Model</b>	800LFB (liquid filled)
<b>Dial Sizes</b>	2", 2 1/2", 3 1/2"
<b>Wetted Parts</b>	Bronze tube, brass socket
<b>Fill</b>	Glycerine, other fills available See Optional Features Section
<b>Movement</b>	Brass
<b>Connection</b>	Lower male or center back male 1/8 or 1/4 NPT
<b>Case</b>	2", 2 1/2" Dial Size: ABS plastic, stem-mounted flangeless  3 1/2" Dial Size: Nylon, stem-mounted flangeless
<b>Ring</b>	Crimped aluminum, black finished
<b>Window</b>	Styrene-acrylonitrile
<b>Pointer</b>	Plain, black finish
<b>Dial Face</b>	Aluminum, white background with black graduations and markings
<b>Accuracy</b>	2", 2 1/2" Dial Size: ±1.6% Full Scale  3 1/2" Dial Size: ±1.0% Full Scale, ASME B40.100 Grade 1A
<b>Maximum Temperature</b>	150°F (65°C)

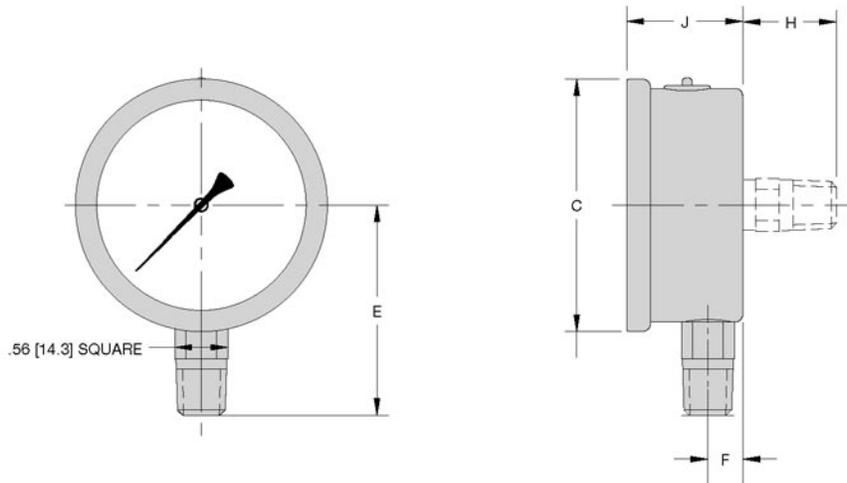
## Approximate Shipping Weight

2" Dial Size:  
0.4 lbs [0.18 kg]  
  
2 1/2" Dial Size:  
0.5 lbs [0.23 kg]  
  
3 1/2" Dial Size:  
1.0 lbs [0.45 kg]

# 800LFB

## Liquid Filled • Plastic Case

All dimensions are nominal. Dimensions in [ ] are in millimeters.



Dial Size	C	E	F	H	J
2"	2.09 [53.1]	1.91 [48.5]	0.48 [12.2]	0.98 [24.9]	1.24 [31.2]
2 1/2"	2.67 [67.8]	2.19 [55.5]	0.39 [10.0]	0.99 [25.1]	1.26 [32.5]
3 1/2"	4.23 [107]	2.87 [73.0]	0.48 [12.2]	1.06 [27]	1.41 [36.0]

UTILITY GAUGES

### Standard Ranges

Note: "NEW" Range Codes

psi Ranges (A)						
NEW Range Code	OLD Range Code	2 & 2 1/2" Dial Size			3 1/2" Dial Size	
		Specific Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	1	5	0.5
30/15	020	30" Hg to 15 psi	10/5	1/0.5	10/5	1/0.5
30/30	030	30" Hg to 30 psi	10/5	1/1	10/5	1/1
30/60	040	30" Hg to 60 psi	10/10	2/1	10/10	2/1
30/100	050	30" Hg to 100 psi	30/20	2/2	30/20	2/2
30/150	060	30" Hg to 150 psi	30/30	5/2	30/30	5/2
30/300	070	30" Hg to 300 psi	30/50	5/5	30/50	5/5
15	080	0 to 15 psi	3	0.2	3	0.2
30	090	0 to 30 psi	5	0.5	5	0.5
60	100	0 to 60 psi	10	1	10	1
100	110	0 to 100 psi	10	1	10	1
160	120	0 to 160 psi	20	2	20	2
200	130	0 to 200 psi	20	2	20	2
300	140	0 to 300 psi	50	5	50	5
400	150	0 to 400 psi	50	5	50	5
600	160	0 to 600 psi	100	10	100	10
1000	180	0 to 1000 psi	100	20	100	20
1500	190	0 to 1500 psi	300	20	300	20
2000	200	0 to 2000 psi	200	20	200	20
3000	210	0 to 3000 psi	500	50	500	50
5000	220	0 to 5000 psi	1000	100	1000	100

For dual scale ranges specify the appropriate **Units of Measure: D** (psi/kPa) followed by the corresponding **A** (psi) Range Code

# 750 Series

Solid Front • Field Liquid Fillable • Stainless Steel Case

SPECIALTY GAUGES



750SS shown

- ▶ 2 1/2", 4" Dial Size
- ▶ ±1.0% Accuracy
- ▶ Stainless Steel Case
- ▶ Solid Front/Blow-Out Back
- ▶ Field Liquid Fillable

The Trerice **750 Series** Process Gauge is designed for the varying needs of the world's process industries. This solid front/blow-out back gauge features a stainless steel case and ring. Its sturdy interior design and field liquid-fill capability (no kit required) provide the durability, accuracy and safety required for industrial process applications. Wetted parts are stainless steel or Monel.

- **Optional features available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

## HOW TO ORDER

Sample Order Number: **750SS 40 04 L D 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
750SS	25 2 1/2"	02 1/4 NPT	L Lower	A psi	See Standard Ranges <b>Note: "NEW" Range Codes</b>
750LFSS	40 4"	04 1/2 NPT		D psi/kPa	
750M					
750LFM					

\* 2 1/2" dial size only available with 1/4 NPT connection size

## Specifications

Models	Wetted Parts
750SS (dry)	316 stainless steel tube and socket
750LFSS (liquid-filled)	
750M (dry)	Monel tube and socket (meets NACE MR 01.75)
750LFM (liquid-filled)	
<b>Dial Size</b>	2 1/2", 4"
<b>Fill</b>	Glycerine. Other fills available. See Options & Accessories.
<b>Movement</b>	Stainless steel
<b>Connection</b>	Lower male, 1/4 or 1/2 NPT
<b>Case</b>	304 stainless steel, satin finished, stem-mounted flangeless, solid front with blow-out back
<b>Ring</b>	Bayonet type, 304 stainless steel
<b>Window</b>	Laminated safety glass
<b>Pointer</b>	Plain, black finished Micro-adjustable, black finished
<b>Dial Face</b>	Aluminum, white background with black graduations and markings
<b>Accuracy</b>	±1.0% Full Scale, ASME B40.100 Grade 1A
<b>Maximum Temperature</b>	750SS, 750M: <b>250°F (121°C)</b> 750LFSS, 750LFM: <b>150°F (65°C)</b>

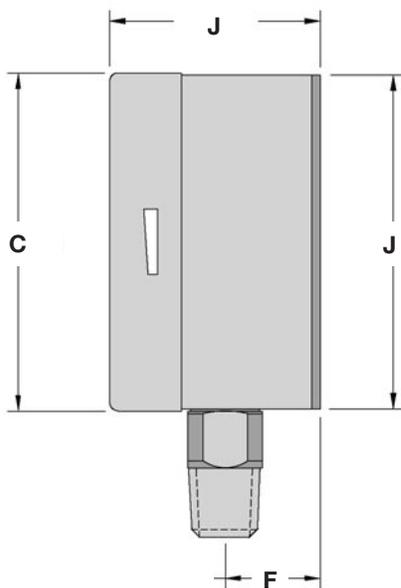
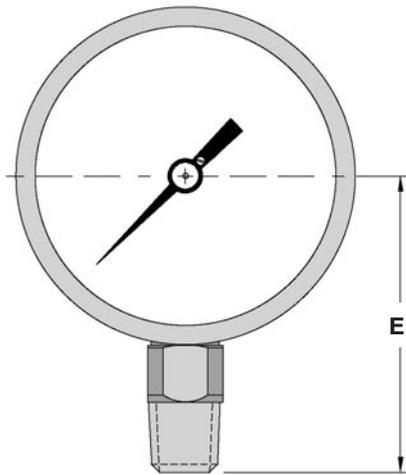
### Approximate Shipping Weight

2 1/2" Dial size:	750SS, 750M, 0.4 lbs [0.18kg]
4" Dial size:	750SS, 750M, 1.3 lbs [0.59 kg]
4" Dial size:	750LFSS, 750LFM, 1.8 lbs [0.82 kg]

# 750 Series

All dimensions are nominal.  
Dimensions in [ ] are in millimeters

**Solid Front • Field Liquid Fillable • Stainless Steel Case**



Dial Size	C	E	F	J
2 1/2"	2.48 [63]	2.13 [54]	0.71 [18]	1.61 [41]
4"	3.95 [99]	3.47 [88]	1.11 [28]	2.45 [63]

## Standard Ranges Note: "NEW" Range Codes

psi Ranges (A)

All Sizes				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5
30/15	020	30" Hg to 15 psi	10/5	1/0.5
30/30	030	30" Hg to 30 psi	10/5	1/1
30/60	040	30" Hg to 60 psi	10/10	2/1
30/100	050	30" Hg to 100 psi	30/20	2/2
30/150	060	30" Hg to 150 psi	30/30	5/2
30/300	070	30" Hg to 300 psi	30/50	5/5
15	080	0 to 15 psi	3	0.2
30	090	0 to 30 psi	5	0.5
60	100	0 to 60 psi	10	1
100	110	0 to 100 psi	10	1
160	120	0 to 160 psi	20	2
200	130	0 to 200 psi	20	2
300	140	0 to 300 psi	50	5
400	150	0 to 400 psi	50	5
600	160	0 to 600 psi	100	10
1000	180	0 to 1000 psi	100	20
1500	190	0 to 1500 psi	300	20
2000	200	0 to 2000 psi	200	20
3000	210	0 to 3000 psi	500	50
5000	220	0 to 5000 psi	1000	100
10000	230	0 to 10,000 psi	1000	200
Ranges over 10,000 psi are ONLY available on 750SS or 750LFSS.				
15000	240	0 to 15,000 psi	3000	200
20000	250	0 to 20,000 psi	2000	200

For dual scale ranges, specify the appropriate **Units of Measure: D** (psi/kPa) followed by the corresponding **A** (psi) Range Code. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

SPECIALTY GAUGES

# 700TA Series

## Sanitary Gauge with Integrated Diaphragm Seal

SPECIALTY GAUGES



700TA shown

- ▶ 2 1/2", 4" Dial Sizes
- ▶ Stainless Steel Case
- ▶ Liquid Fillable
- ▶ 1 1/2", 2" Tri-clamp Type Connections

The Trerice **700TA Series** Sanitary Gauge is 3A approved and especially suited for use in the dairy and food processing industries. This field liquid fillable (no kit required) gauge has a stainless steel case, ring, and process housing. All wetted parts are stainless steel.

- **Optional features and case style variations available: Please consult the Options & Accessories Section for details.**
- **Please refer to 3A Standard 37-01, 3A Standard for Liquid Pressure and Level Sensing Devices**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

### HOW TO ORDER

Sample Order Number: **700TA 40 15T L A 300**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
700TA	25 2 1/2"	15T 1 1/2" Tri-Clamp	L Lower	A psi	See Standard Ranges
700TALF	40 4"	20T 2" Tri-Clamp	B Back	D psi/kPa	

Note: "NEW" Range Codes

### Specifications

#### Models

**700TA** (dry)  
**700TALF** (liquid filled)

**Dial Sizes** 2 1/2", 4"

#### Wetted Parts

316 stainless steel diaphragm

#### Fill

Mineral Oil, other fills available. See Options & Accessories.

#### Movement

Stainless steel

#### Connection

2 1/2" Dial Size: Lower or center back Tri-clamp, 1 1/2" or 2"  
4" Dial Size: Lower or lower back, Tri-clamp, 1 1/2" or 2"

#### Case

304 stainless steel, stem mounted flangeless

#### Ring

Crimped 304 stainless steel, highly polished

#### Window

Safety glass

#### Pointer

Plain black finished

#### Dial Face

Aluminum, white background with black graduations and markings

#### Accuracy

±1.6% Full Scale

#### Maximum Temperature

250°F (121°C)

#### Approximate Shipping Weight

700TA 2 1/2" Dial Size, 1 1/2" Tri-clamp, 1.4 lbs [0.64 kg]

700TA 2 1/2" Dial Size, 2" Tri-clamp, 1.9 lbs [0.86 kg]

700TALF 2 1/2" Dial Size, 1 1/2" Tri-clamp, 1.9 lbs [0.86 kg]

700TALF 2 1/2" Dial Size, 2" Tri-clamp, 2.6 lbs [1.18 kg]

700TA 4" Dial Size, 1 1/2" Tri-clamp, 2.6 lbs [1.18 kg]

700TA 4" Dial Size, 2" Tri-clamp, 3.3 lbs [1.50 kg]

700TALF 4" Dial Size, 1 1/2" Tri-clamp, 3.3 lbs [1.50 kg]

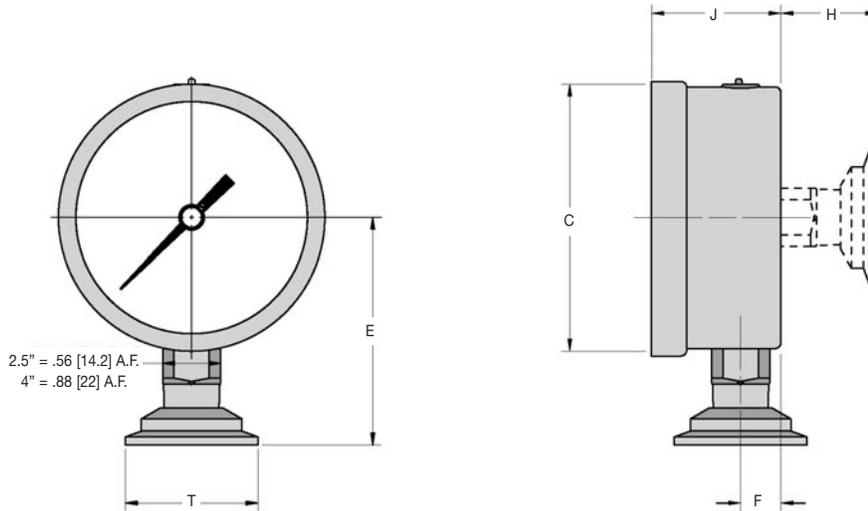
700TALF 4" Dial Size, 2" Tri-clamp, 4.0 lbs [1.81 kg]

# 700TA Series

All dimensions are nominal. Dimensions in [ ] are in millimeters.

## Sanitary Gauge with Integrated Diaphragm Seal

SPECIALTY GAUGES



Clamps, gaskets and ferrules are not supplied by Terrice.

Dial Size	Tri-Clamp Size	C	E	F	H	J	T
2 1/2" [63]	1 1/2"	2.68 [68]	2.64 [67]	0.37 [9.5]	1.52 [38.5]	1.20 [30.5]	1.98 [50.5]
	2"	2.68 [68]	2.64 [67]	0.37 [9.5]	1.52 [38.5]	1.20 [30.5]	2.51 [64.0]
4" [100]	1 1/2"	4.18 [106.2]	3.35 [85]	0.46 [11.8]	1.52 [38.5]	1.32 [33.5]	1.98 [50.5]
	2"	4.18 [106.2]	3.35 [85]	0.46 [11.8]	1.52 [38.5]	1.32 [33.5]	2.51 [64.0]

### Standard Ranges

Note: "NEW" Range Codes

psi Ranges (A)				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5
30/15	020	30" Hg to 15 psi	10/5	10/0.5
30/30	030	30" Hg to 30 psi	10/10	2/1
30/60	040	30" Hg to 60 psi	30/20	2/2
30/100	050	30" Hg to 100 psi	30/20	5/2
30/150	060	30" Hg to 150 psi	30/20	10/2
30/300	070	30" Hg to 300 psi	30/30	5/10
15	080	0 to 15 psi	3	0.2
30	090	0 to 30 psi	5	0.5

psi Ranges (A)			
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals
60	100	0 to 60 psi	10
100	110	0 to 100 psi	20
160	120	0 to 160 psi	20
200	130	0 to 200 psi	50
300	140	0 to 300 psi	50
400	150	0 to 400 psi	100
600	160	0 to 600 psi	100
1000	180	0 to 1000 psi	200

For dual scale ranges, specify the appropriate **Units of Measure: D (psi/kPa)** followed by the corresponding **A (psi) Range Code**. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

# 700Plus Series

## Industrial Transmitter Gauge

SPECIALTY GAUGES



703SS shown

- ▶ 4" Dial Size
- ▶ ±1.0% Accuracy
- ▶ Stainless Steel Case
- ▶ Liquid Fillable

The Trerice **700Plus Series** Transmitter Gauge is designed to provide both local and remote pressure readings through the integration of an independent pressure transmitter to the pressure gauge. This gauge has a stainless steel case and ring, and is field liquid fillable (no kit required). Wetted parts include a stainless steel tube and socket with a ceramic transmitter.

- **Optional features and case style variations available: Please consult the Options & Accessories Section for details.**
- **For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.**

**Note: "NEW" Range Codes**

### HOW TO ORDER

Sample Order Number: **703SS 40 02 L 3 A 300**

Model	Dial Size	Connection Size	Connection Location	Output Signal	Units of Measure	Range Code
703SS 703LFSS	40 4"	02 1/4 NPT 04 1/2 NPT	L Lower	3 4 to 20 mA	A psi D psi/kPa	See Standard Ranges

Note: "NEW" Range Codes

### Specifications

#### Models

703SS (dry)  
703LFSS (liquid filled)

Dial Size 4"

#### Wetted Parts

Transmitter: stainless steel  
Gauge: 316L stainless steel tube & socket

Fill Mineral Oil

Movement Stainless Steel

#### Process Connection

Lower male,  
1/4 or 1/2 NPT

Case 304 Stainless steel,  
stem mounted flangeless

Ring Bayonet type, 304 stainless steel

Window Clear glass

Pointer Micro adjustable knife edge,  
black finished

Dial Face Aluminum, white background with  
black graduations and markings

#### Electrical Connection

Wiring cable

#### Supply Voltage

12 to 36 VDC

#### Output Signal

4 to 20 mA  
(load resistance maximum **W**) =  
V supply - 12  
0.02

Accuracy Transmitter: ±0.5% Full Scale Max.

Gauge: ±1.0% Full Scale,  
ASME B40.100 Grade 1A

#### Maximum Temperature

212°F (100°C)

#### Approximate Shipping Weight

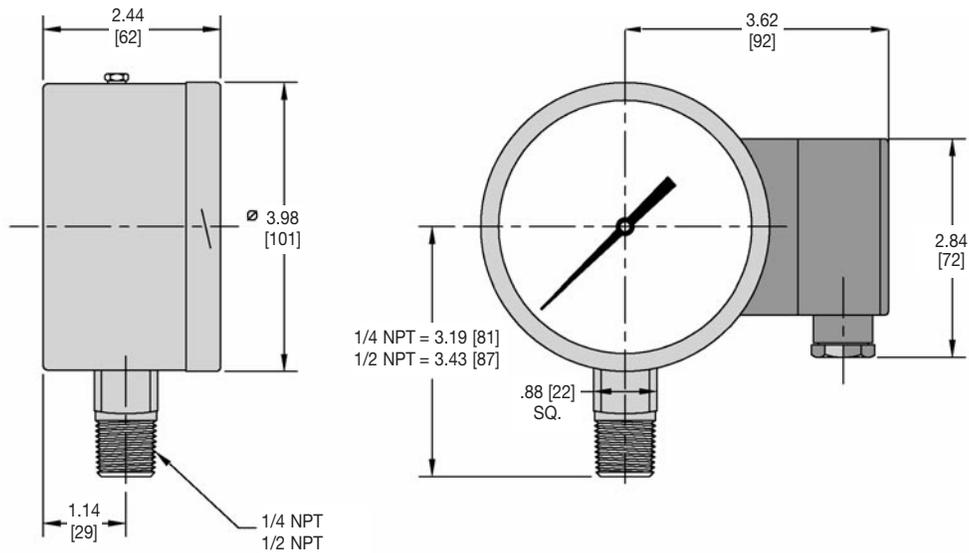
1.52 lbs [0.69 kg]

# 700Plus Series

## Industrial Transmitter Gauge

All dimensions are nominal. Dimensions in [ ] are in millimeters.

SPECIALTY GAUGES



### Standard Ranges

Note: "NEW" Range Codes

psi Ranges (A)				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0	5	0.5
30/15	020	30" Hg to 15 psi	10/5	0.5/0.5
30/30	030	30" Hg to 30 psi	10/5	1/1
30/60	040	30" Hg to 60 psi	10/10	2/1
30/100	050	30" Hg to 100 psi	30/20	2/2
30/150	060	30" Hg to 150 psi	30/20	5/2
30/300	070	30" Hg to 300 psi	30/50	5/5
15	080	0 to 15 psi	3	0.2

psi Ranges (A)				
NEW Range Code	OLD Range Code	Specific Range	Figure Intervals	Minor Divisions
30	090	0 to 30 psi	5	0.5
60	100	0 to 60 psi	10	1
100	110	0 to 100 psi	10	2
160	120	0 to 160 psi	20	2
200	130	0 to 200 psi	20	2
300	140	0 to 300 psi	50	5
400	150	0 to 400 psi	50	5
600	160	0 to 600 psi	100	10

For dual scale ranges, specify the appropriate **Units of Measure: D** (psi/kPa) followed by the corresponding **A** (psi) **Range Code**. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

# Special Application Ranges

The H.O. Trerice Co. offers a broad spectrum of pressure gauges to satisfy the specialized applications of today's industry. The following Special Application Ranges can be specified on almost all Trerice Pressure Gauges. Please consult Availability Table on page 44.

## Liquid Level Ranges (Altitude)

A Liquid Level range is calibrated to measure feet or meters of H<sub>2</sub>O (water). Gauges with this type of range are usually specified with either an optional red set hand (not available on 8 1/2" or 12" Dial Sizes) or an index pointer (not available on liquid filled gauges). See Options & Accessories section for complete availability. Dual scale ranges with ft H<sub>2</sub>O and corresponding psi scales are available.

### Standard Liquid Level Ranges

Note: "NEW" Range Codes

psi & Feet of Water Ranges (H)			psi		ft H <sub>2</sub> O	
NEW Range Code	OLD Range Code	Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
30/0	010	30" Hg to 0 / -34 to 0 ft H <sub>2</sub> O	5	0.2	5	0.2
30/15	020	30" Hg to 15 psi / -34 to 34 ft H <sub>2</sub> O	5/5	0.5/0.2	10/10	1/1
30/30	030	30" Hg to 30 psi / -34 to 70 ft H <sub>2</sub> O	10/5	1/0.5	10/10	1/1
30/60	040	30" Hg to 60 psi / -34 to 140 ft H <sub>2</sub> O	10/10	1/1	10/20	1/1
30/100	050	30" Hg to 100 psi / -34 to 230 ft H <sub>2</sub> O	30/10	2/1	34/20	2/2
30/150	060	30" Hg to 150 psi / -34 to 350 ft H <sub>2</sub> O	30/20	5/2	34/50	2/5
30/300	070	30" Hg to 300 psi / -34 to 700 ft H <sub>2</sub> O	30/50	5/2	34/100	5/5
15	080	0 to 15 psi / 0 to 34 ft H <sub>2</sub> O	3	0.1	5	0.2
30	090	0 to 30 psi / 0 to 70 ft H <sub>2</sub> O	5	0.2	10	0.5
60	100	0 to 60 psi / 0 to 140 ft H <sub>2</sub> O	10	0.5	20	1
100	110	0 to 100 psi / 0 to 230 ft H <sub>2</sub> O	10	1	20	2
160	120	0 to 160 psi / 0 to 370 ft H <sub>2</sub> O	20	1	50	5
200	130	0 to 200 psi / 0 to 460 ft H <sub>2</sub> O	20	2	50	5
300	140	0 to 300 psi / 0 to 700 ft H <sub>2</sub> O	50	2	100	5

### Feet of Water Ranges (J)

NEW Range Code	OLD Range Code	Range	Figure Intervals	Minor Divisions
15	080	0 to 34 ft H <sub>2</sub> O	5	0.2
30	090	0 to 70 ft H <sub>2</sub> O	10	0.5
45	095	0 to 100 ft H <sub>2</sub> O	10	1
60	100	0 to 140 ft H <sub>2</sub> O	20	1
100	110	0 to 230 ft H <sub>2</sub> O	20	2
160	120	0 to 370 ft H <sub>2</sub> O	50	5
200	130	0 to 460 ft H <sub>2</sub> O	50	5

### Meters of Water Ranges (K)

NEW Range Code	OLD Range Code	Figure Range	Minor Intervals	Divisions
15	080	0 to 10 m H <sub>2</sub> O	1	0.1
30	090	0 to 20 m H <sub>2</sub> O	2	0.2
45	095	0 to 30 m H <sub>2</sub> O	5	0.2
60	100	0 to 40 m H <sub>2</sub> O	5	0.5
100	110	0 to 70 m H <sub>2</sub> O	10	0.5
160	120	0 to 120 m H <sub>2</sub> O	20	1

Other ranges available, consult factory.

# Special Application Ranges

## Ammonia Ranges

An Ammonia Range is calibrated to measure vacuum and pressure (vac/psi) along with the corresponding ammonia temperatures (°F of ammonia). Pressure gauges with this range type require stainless steel wetted parts.

### Standard Ammonia Ranges (P)

Range Code	Range	psi	
		Figure Intervals	Minor Divisions
310	30" Hg to 150 psi / °F Ammonia	30/20	5/2
320	30" Hg to 300 psi / °F Ammonia	30/50	5/2

*Other ranges available, consult factory.*

## Refrigerant Ranges

A Refrigerant Range is calibrated to measure vacuum and pressure (vac/psi) along with the corresponding refrigerant temperatures (°F of R).

### Standard Refrigerant Ranges (R)

Range Code	Range	psi	
		Figure Intervals	Minor Divisions
310	30" Hg to 150 psi / °F R12/R22	30/20	5/2
320	30" Hg to 150 psi / °F R123	30/20	5/2
330	30" Hg to 150 psi / °F R134A	30/20	5/2
340	30" Hg to 300 psi / °F R12/R22	30/50	5/2
350	30" Hg to 300 psi / °F R123	30/50	5/2
360	30" Hg to 300 psi / °F R134A	30/50	5/2

*Other ranges available, consult factory.*

## Receiver Ranges

A Receiver Range is calibrated to translate the output signal from a 3 to 15 psi pneumatic transmitter into a specified measurement (i.e., temperature, pressure, square root, percent, etc.). Pressure gauges ordered with a receiver range are furnished with a 3 to 15 psi bourdon tube measuring element. **Care should be taken to ensure the maximum pressure never exceeds 15 psi.**

### Standard Receiver Ranges (S)

Range Code	Range	Figure Intervals	Minor Divisions
060	0 to 10 linear	1	0.1
110	0 to 10 sq. rt.	1*	0.1*
370	0 to 100 linear	10	1
440	0 to 100 sq. rt.	10**	1**
420	0 to 100%	10	1

*\*Non linear scale, stated interval and division at 3.*

*\*\*Non linear scale, stated interval and division at 30.*

*Other ranges available, consult factory.*

# Special Application Ranges

## Availability

The following table indicates the special application range availability of Trerice Pressure Gauges.

SPECIALTY GAUGES

Model	Liquid Level (Altitude)	Ammonia	Refrigerant	Receiver
450B, 450LFB	✓	N/A	✓	✓
450M, 450LFM	✓	N/A	✓	✓
450SS, 450LFSS	✓	✓	✓	
500XB	✓	N/A	✓	✓
500XSS	✓	✓	✓	✓
600CB	✓	N/A	✓	N/A
610CB	✓	N/A	✓	N/A
620B	N/A	N/A	N/A	N/A
690 Series	✓	N/A	✓	N/A
700B, 700LFB	✓	N/A	✓	✓
700M, 700LFM	✓	N/A	✓	✓
700Plus	✓	✓	N/A	N/A
700SS, 700LFSS	✓	✓	✓	✓
700TA, 700TALF*	✓	✓	✓	N/A
750M, 750LFM	✓	N/A	✓	✓
750SS, 750LFSS	✓	✓	✓	✓
760B*	N/A	N/A	N/A	N/A
766SS*	N/A	N/A	N/A	N/A
800B	✓	N/A	✓	N/A
800LFB*	✓	N/A	✓	N/A
D82LFB*	✓	N/A	✓	✓
D83LFSS*	✓	✓	✓	✓

\*Red set hand or index pointer not available with these models.

## Specialty Gauge Models

Listed below are Specialty Gauge Models that were previously available. In response to demand, we can now make available a wide number of ranges to customize most Trerice Pressure Gauges to suit specific measurement applications. Please order using the current model and specify the range required.

Previous Model	Current Model and Range
435SS	450SS with Ammonia Range
515XB	500XB with Liquid Level Range and Red Set Hand
535XSS	500XSS with Ammonia Range
545XB	500XB with Refrigerant Range
580B	500XB with Receiver Range
615B	500XB with Liquid Level Range and Red Set Hand
615CB	600CB with Liquid Level Range and Red Set Hand
635SS	500XSS with Ammonia Range
645B	500XB with Refrigerant Range
680B	500XB with Receiver Range
775SS	700SS with Ammonia Range

## HOW TO ORDER

Sample Order Number: **500XB 45 02L H 300**

Specify the Units of Measure and Range Code as required.



## Warranty

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The H.O. Trerice Co. warrants products of its manufacture to be free from defects in workmanship and material for a period of one year from the date of shipment to the original purchaser. Trerice will repair or replace such product (F.O.B. Factory) should our internal examination reveal it to be defective. Product used in conjunction with non-Trerice product, or in any way modified or altered, may not be covered under the terms of this warranty. Trerice assumes no other responsibility or liability.

## Trademarks

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The following trademarks are not owned by Trerice and are the property of their respective owners:

Tri-Clamp®  
Teflon®  
Viton®

## Organizations

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The H.O. Trerice Co. recognizes the following organizations: Fluid Controls Institute (FCI), Valve Manufacturers Association of America (VMA) and the International Society of Automation (ISA). These nonprofit associations work with manufacturers and other organizations to develop standards and exchange statistical and technical knowledge.

## Caution

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All Trerice products should be carefully selected to meet the demands of the particular application. The information contained in this catalog is offered only as a guide to assist in making the proper selection. Selection of the proper product, as well as its installation and use, is the sole responsibility of the user. Improper application or product misuse may cause failure of the product, resulting in possible personal injury or property damage. For correct use and application of all Trerice products, please refer to the proper standard set forth by ASME. These documents may be obtained from the American Society of Mechanical Engineers (ASME), Three Park Avenue, New York, NY 10016-5990.

## A word about this catalog

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The information contained in this catalog was correct at the time of printing. Due to the Trerice commitment of continuous development and improvement, these specifications are subject to change without notice. Any information contained within this catalog should not be interpreted as a contractual agreement by Trerice. All orders are subject to the approval of the H.O. Trerice Co., Oak Park, Michigan.



The H.O. Trerice Co., founded in 1923 by Mr. Howard O. Trerice, in Detroit, Michigan, U.S.A., has long been recognized as a leader in the design and manufacture of instrumentation and controls of the highest quality.

Perhaps no single organization within our industry is specified over a greater product spectrum than Trerice. And perhaps no single organization offers its marketplace more avenues of service than Trerice. For Trerice is more than simply a product line, Trerice is a dynamic service network of qualified distribution, regional sales and marketing management, and expert engineering and customer satisfaction personnel.

Headquartered in Oak Park, Michigan, Trerice is a multinational corporation of diverse, experienced, and determined personnel committed to the continuation and furtherance of our founder's credo: Quality in Product and Service.

Contact us at **1.888.TRERICE** or visit our web site at **www.TRERICE.com**.

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**Diaphragm Seals**

**Pressure Gauge Accessories**

**Industrial Thermometers**

**Light Powered-Digital Thermometers**

**Bimetal Thermometers**

**Dial Thermometers**

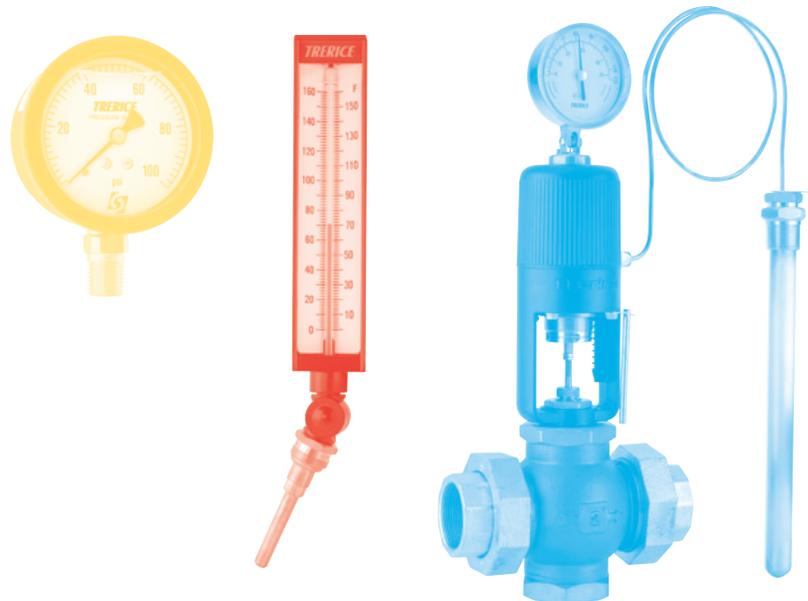
**Temperature Sensors**

**Temperature Regulators**

**Pressure Regulators**

**PID Controllers**

**Control Valves**



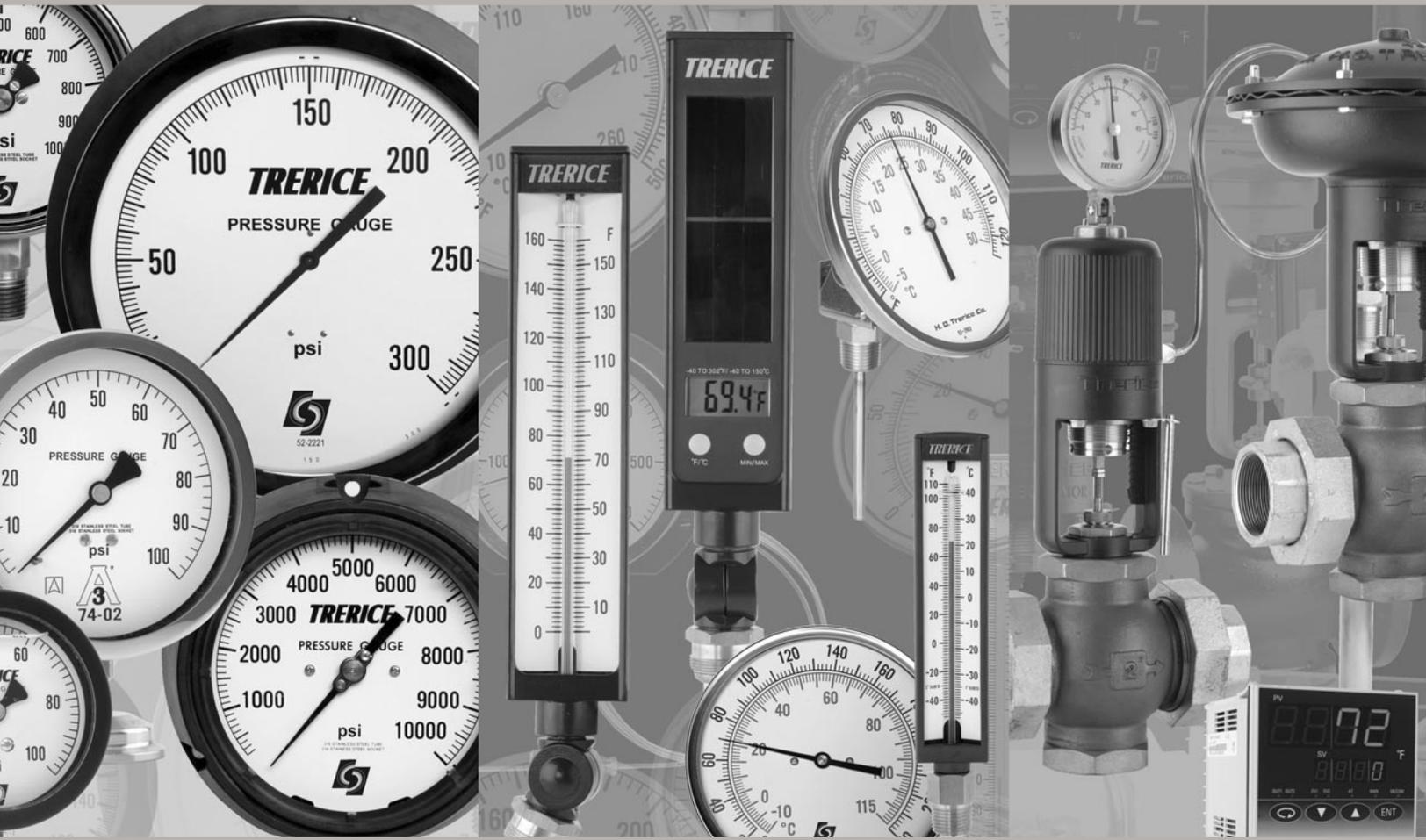
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